

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN073992.D
 Acq On : 18 Aug 2022 09:30
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 18 21:45:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/19/2022
 Supervised By : Mahesh Dadoda 08/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	545261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	780562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	715978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	372587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	295041	55.555	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.100%			
35) Dibromofluoromethane	7.951	113	263329	57.045	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.100%			
50) Toluene-d8	10.380	98	1011165	56.559	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.120%#			
62) 4-Bromofluorobenzene	12.668	95	355121	59.851	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	240739	55.681	ug/l	100
3) Chloromethane	2.269	50	256820	53.417	ug/l	99
4) Vinyl Chloride	2.410	62	322845	52.307	ug/l	99
5) Bromomethane	2.799	94	213676	55.439	ug/l	98
6) Chloroethane	2.963	64	215600	49.446	ug/l	100
7) Trichlorofluoromethane	3.316	101	427229	53.659	ug/l	97
8) Diethyl Ether	3.763	74	160420	54.277	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.145	101	248885	53.811	ug/l	93
10) Methyl Iodide	4.351	142	283485	51.053	ug/l	98
11) Tert butyl alcohol	5.275	59	285340	240.196	ug/l	99
12) 1,1-Dichloroethene	4.116	96	229258	53.274	ug/l	94
13) Acrolein	3.975	56	230436	277.129	ug/l	99
14) Allyl chloride	4.757	41	344218	54.009	ug/l	99
15) Acrylonitrile	5.469	53	779700	268.836	ug/l	99
16) Acetone	4.216	43	583353	232.822	ug/l	99
17) Carbon Disulfide	4.457	76	519931	50.813	ug/l	99
18) Methyl Acetate	4.769	43	366266	58.944	ug/l	98
19) Methyl tert-butyl Ether	5.522	73	829737	53.535	ug/l	96
20) Methylene Chloride	5.016	84	264647	50.055	ug/l	96
21) trans-1,2-Dichloroethene	5.510	96	249281	52.579	ug/l	93
22) Diisopropyl ether	6.404	45	762892	56.456	ug/l	98
23) Vinyl Acetate	6.345	43	3271817	282.538	ug/l	99
24) 1,1-Dichloroethane	6.304	63	456236	54.241	ug/l	97
25) 2-Butanone	7.251	43	1033063	260.031	ug/l	99
26) 2,2-Dichloropropane	7.245	77	415068	52.523	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	309140	52.849	ug/l	94
28) Bromochloromethane	7.581	49	180091	58.051	ug/l	90
29) Tetrahydrofuran	7.604	42	683815	268.320	ug/l	96
30) Chloroform	7.745	83	502585	53.435	ug/l	98
31) Cyclohexane	8.022	56	400791	54.136	ug/l	98
32) 1,1,1-Trichloroethane	7.939	97	443189	53.135	ug/l	96
36) 1,1-Dichloropropene	8.151	75	359714	56.103	ug/l	98
37) Ethyl Acetate	7.334	43	420634	54.152	ug/l	98
38) Carbon Tetrachloride	8.133	117	397111	54.185	ug/l	99
39) Methylcyclohexane	9.392	83	466699	58.091	ug/l	95
40) Benzene	8.386	78	1098056	54.262	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	200067	56.994	ug/l	95
42) 1,2-Dichloroethane	8.463	62	384123	55.205	ug/l	99
43) Isopropyl Acetate	8.492	43	611636	55.273	ug/l	97
44) Trichloroethene	9.151	130	309744	52.994	ug/l	96
45) 1,2-Dichloropropane	9.422	63	272176	56.114	ug/l	100
46) Dibromomethane	9.510	93	199869	54.199	ug/l	92
47) Bromodichloromethane	9.698	83	394294	55.941	ug/l	98
48) Methyl methacrylate	9.492	41	269997	57.023	ug/l	91
49) 1,4-Dioxane	9.498	88	142868	1014.649	ug/l	93
51) 4-Methyl-2-Pentanone	10.269	43	2104719	281.321	ug/l	99
52) Toluene	10.439	92	729747	52.589	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	425010	57.464	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	460242	56.873	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	302044	55.957	ug/l	99
56) Ethyl methacrylate	10.698	69	462938	60.132	ug/l	95
57) 1,3-Dichloropropane	10.980	76	498885	56.844	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	1062480	295.701	ug/l	97
59) 2-Hexanone	11.022	43	1631476	283.347	ug/l	99
60) Dibromochloromethane	11.174	129	341470	57.205	ug/l	99
61) 1,2-Dibromoethane	11.286	107	318324	55.136	ug/l	100
64) Tetrachloroethene	10.916	164	294543	52.122	ug/l	96
65) Chlorobenzene	11.710	112	821356	53.979	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	316009	54.843	ug/l	97
67) Ethyl Benzene	11.780	91	1419860	56.109	ug/l	97
68) m/p-Xylenes	11.892	106	1132774	110.173	ug/l	97
69) o-Xylene	12.221	106	565883	54.883	ug/l	95
70) Styrene	12.233	104	925819	57.354	ug/l	97
71) Bromoform	12.398	173	275099	53.475	ug/l	99
73) Isopropylbenzene	12.516	105	1457181	53.710	ug/l	99
74) N-amyl acetate	12.327	43	519765	50.677	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	466026	51.187	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	393840m	50.856	ug/l	
77) Bromobenzene	12.798	156	372152	50.677	ug/l	93
78) n-propylbenzene	12.857	91	1618117	55.952	ug/l	98
79) 2-Chlorotoluene	12.945	91	964493	53.517	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	1219316	55.254	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	144198	52.959	ug/l	99
82) 4-Chlorotoluene	13.045	91	945805	55.255	ug/l	95
83) tert-Butylbenzene	13.263	119	1097819	54.061	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	1212899	55.039	ug/l	99
85) sec-Butylbenzene	13.439	105	1518288	57.679	ug/l	98
86) p-Isopropyltoluene	13.557	119	1320838	58.901	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	687832	54.010	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	678936	52.604	ug/l	98
89) n-Butylbenzene	13.880	91	1062357	59.811	ug/l	99
90) Hexachloroethane	14.151	117	227737	55.559	ug/l	91
91) 1,2-Dichlorobenzene	13.927	146	681220	51.799	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	105030	48.859	ug/l	87
93) 1,2,4-Trichlorobenzene	15.192	180	439358	54.891	ug/l	98
94) Hexachlorobutadiene	15.304	225	224719	53.260	ug/l	98
95) Naphthalene	15.433	128	1398879	53.608	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	447802	54.127	ug/l	99

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

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Client SampleId :

VSTDCCC050

Manual Integrations

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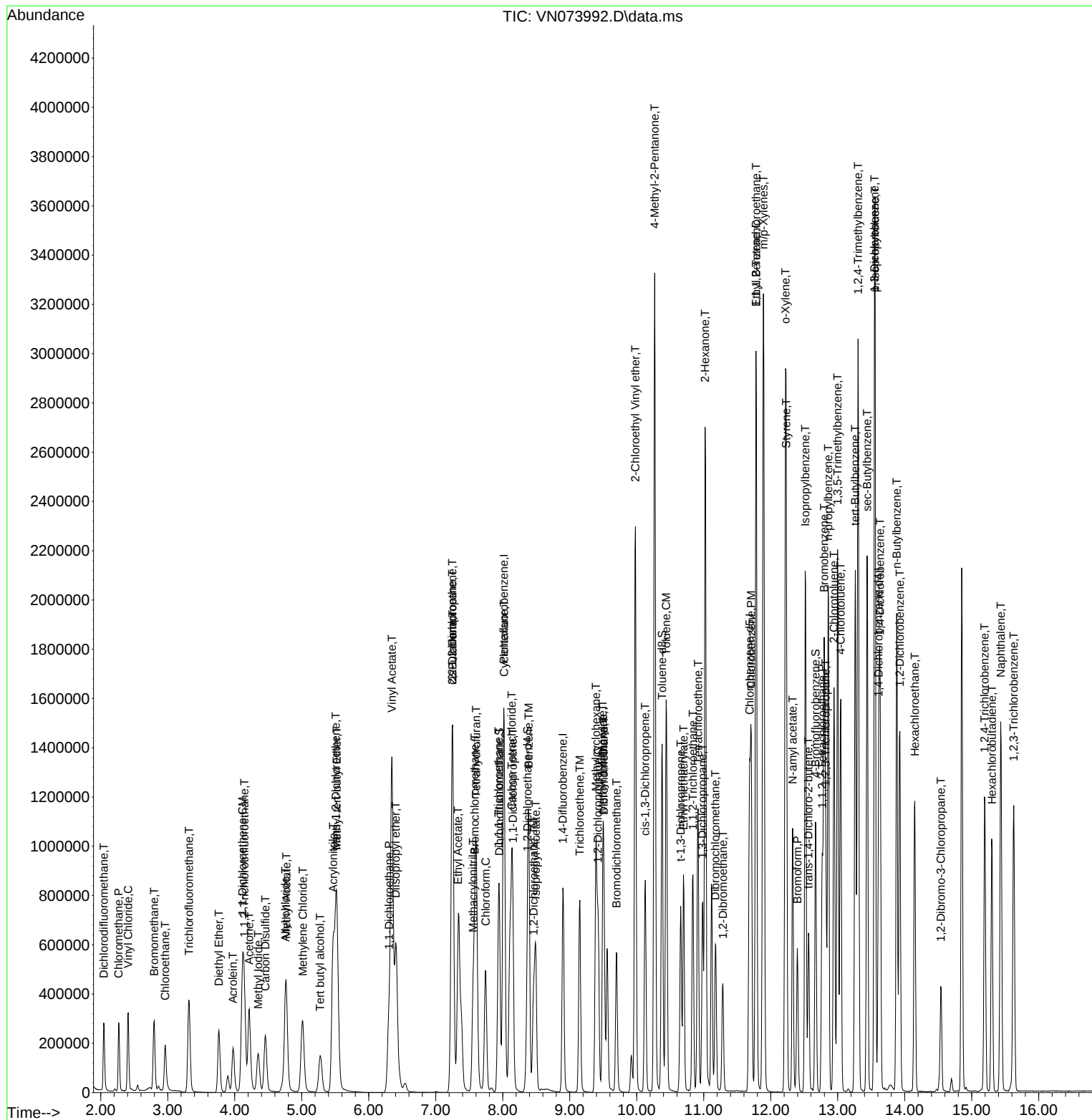
Quant Time: Aug 18 21:45:34 2022

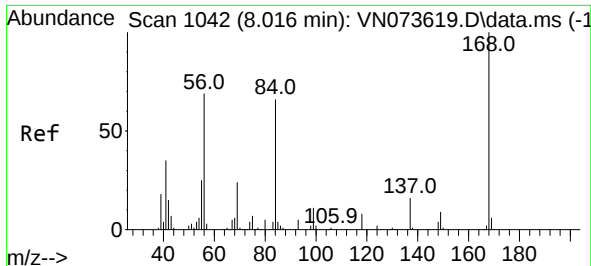
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M

Quant Title : SW846 8260

QLast Update : Tue Aug 16 00:45:21 2022

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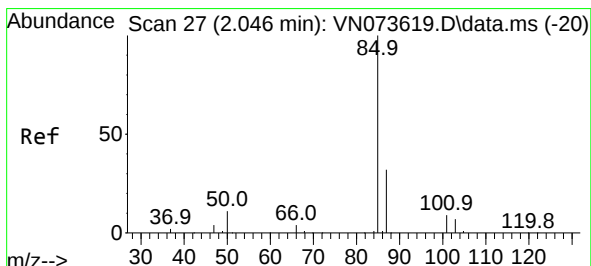
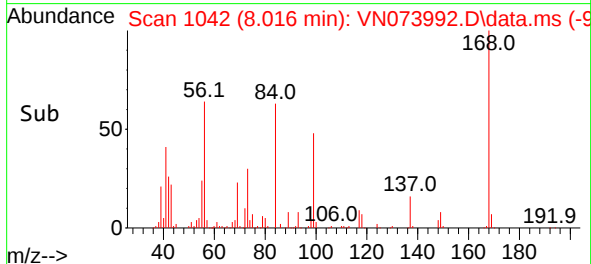
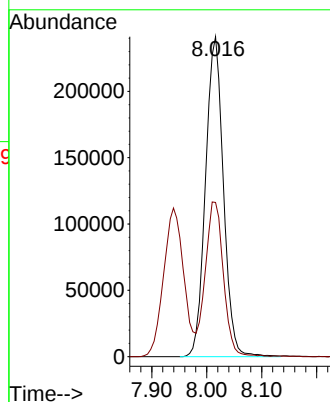
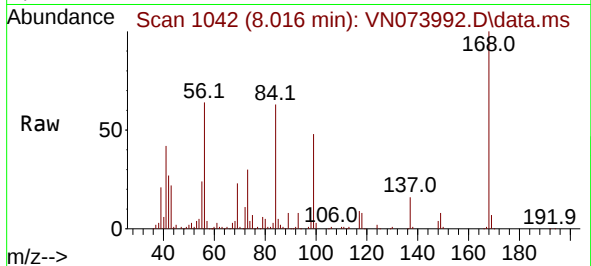
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073992.D
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ClientSampleId :
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Tgt Ion:168 Resp: 54526
Ion Ratio Lower Upper
168 100
99 48.0 42.3 63.5

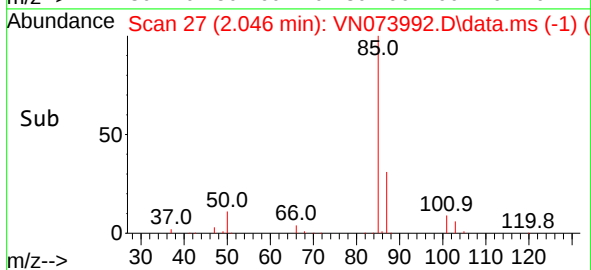
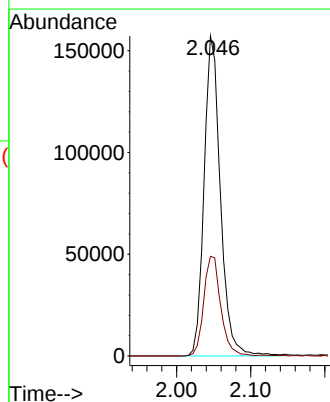
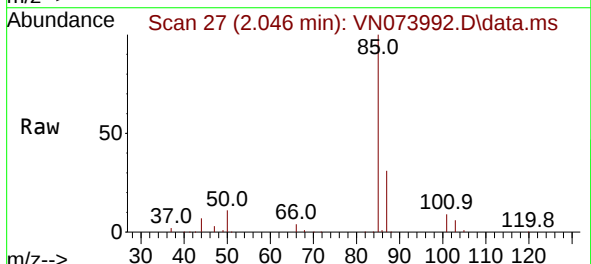
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#2
Dichlorodifluoromethane
Concen: 55.681 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

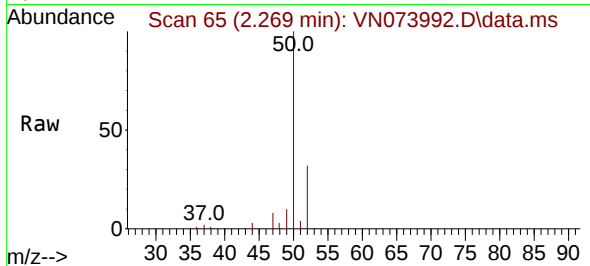
Tgt Ion: 85 Resp: 240739
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.1





#3
Chloromethane
Concen: 53.417 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

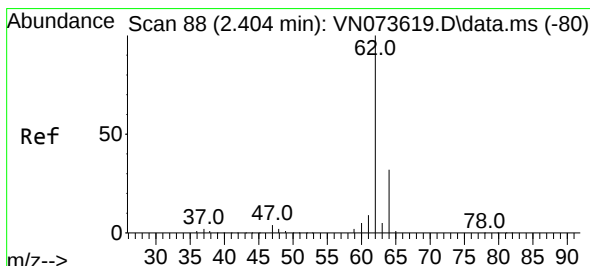
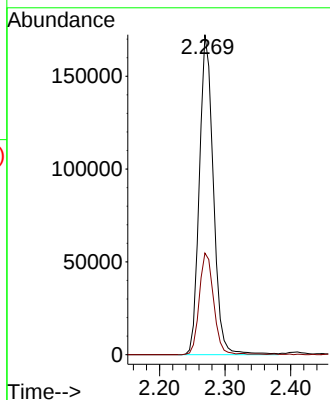
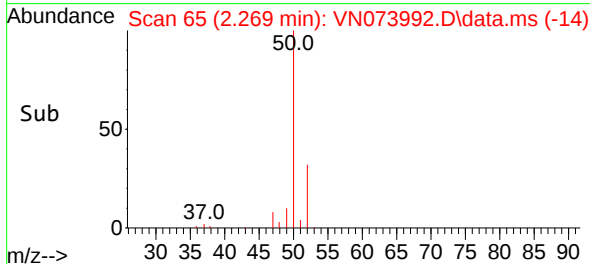
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



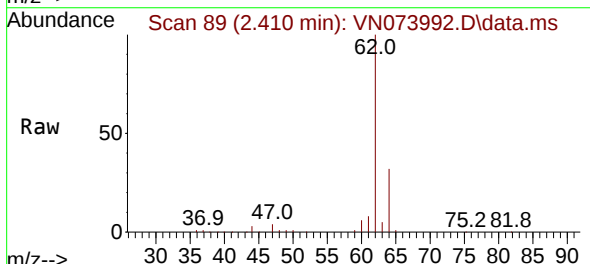
Tgt Ion: 50 Resp: 256820
Ion Ratio Lower Upper
50 100
52 31.8 25.7 38.5

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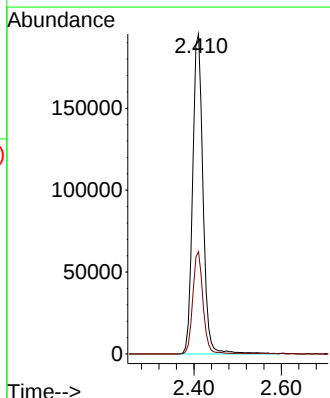
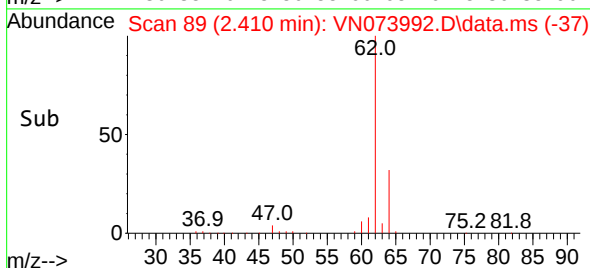
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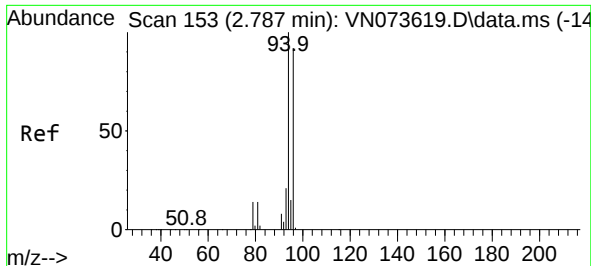


#4
Vinyl Chloride
Concen: 52.307 ug/l
RT: 2.410 min Scan# 89
Delta R.T. 0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30



Tgt Ion: 62 Resp: 322845
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.4





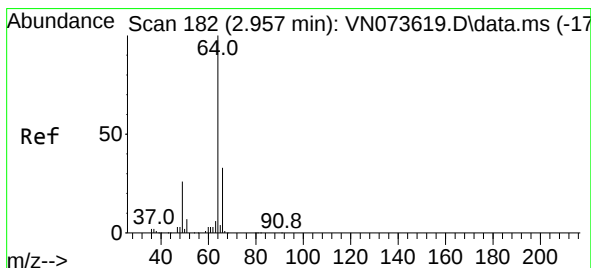
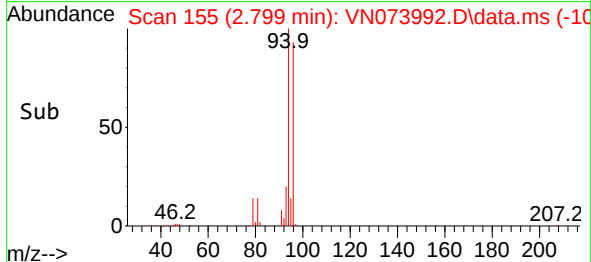
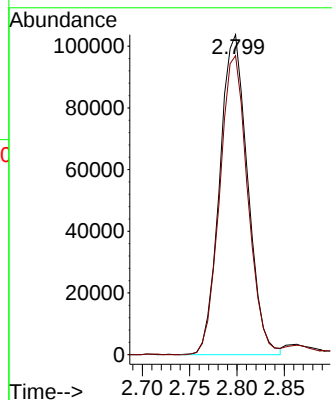
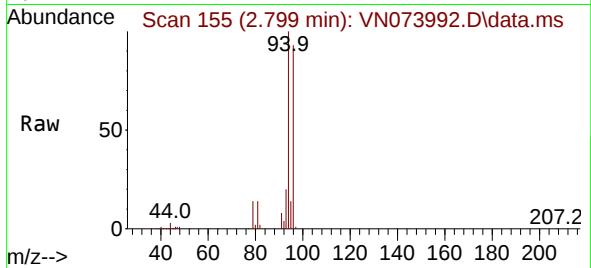
#5
Bromomethane
Concen: 55.439 ug/l
RT: 2.799 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN073992.D
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Tgt Ion: 94 Resp: 213670
Ion Ratio Lower Upper
94 100
96 93.4 76.0 114.0

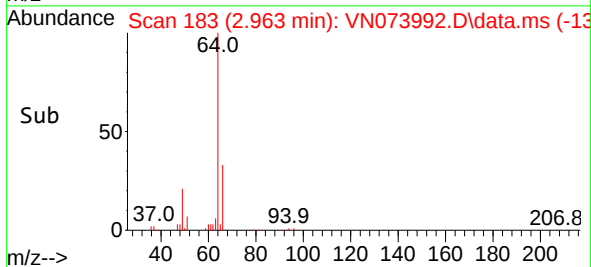
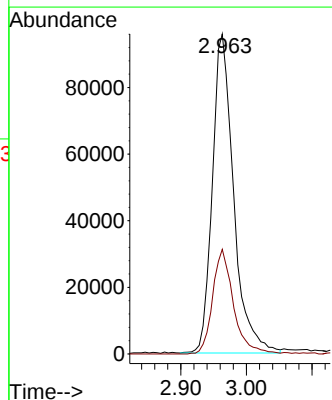
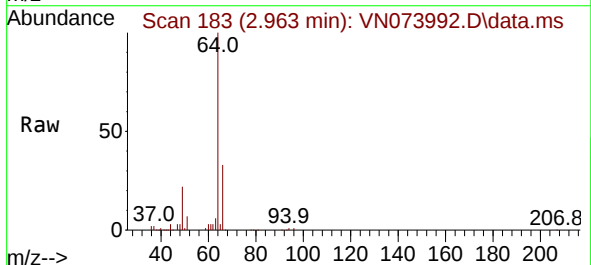
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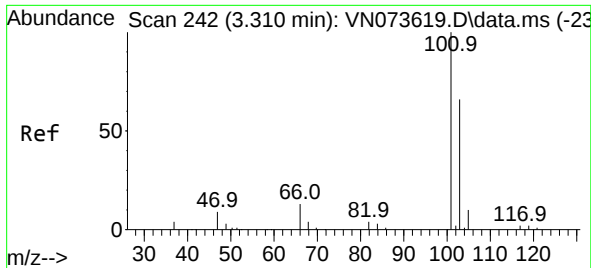
Reviewed By :John Carlone 08/19/2022
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#6
Chloroethane
Concen: 49.446 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

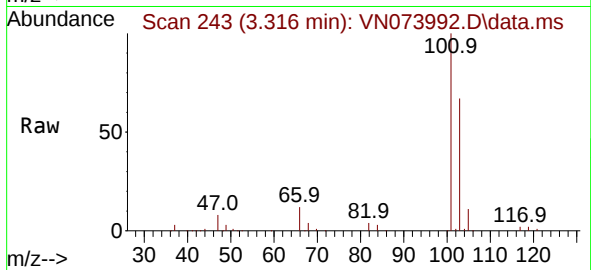
Tgt Ion: 64 Resp: 215600
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4





#7
Trichlorofluoromethane
Concen: 53.659 ug/l
RT: 3.316 min Scan# 242
Delta R.T. 0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

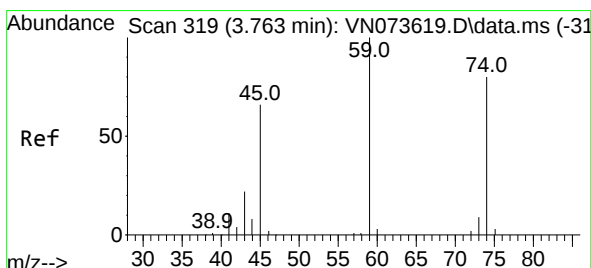
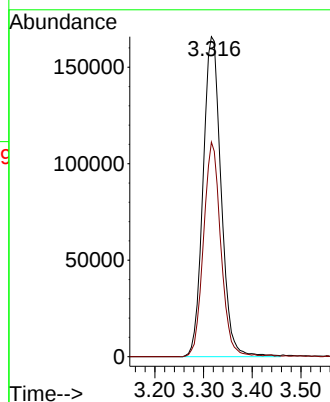
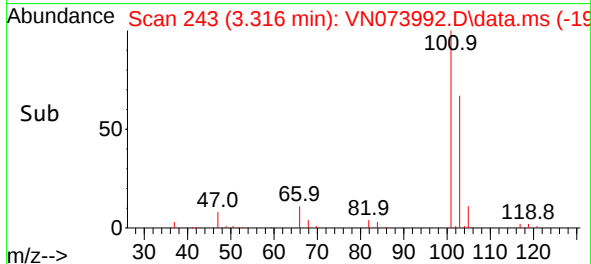
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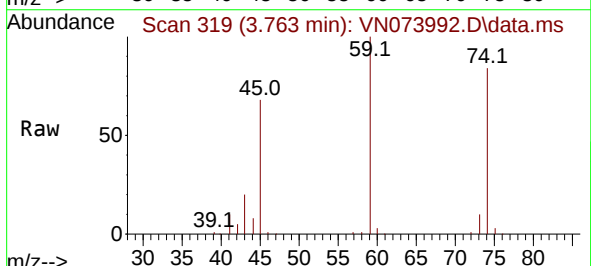
Tgt Ion:101 Resp: 427229
Ion Ratio Lower Upper
101 100
103 67.0 51.5 77.3

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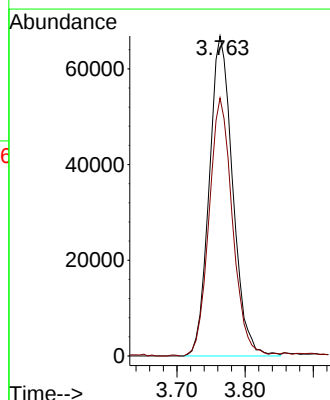
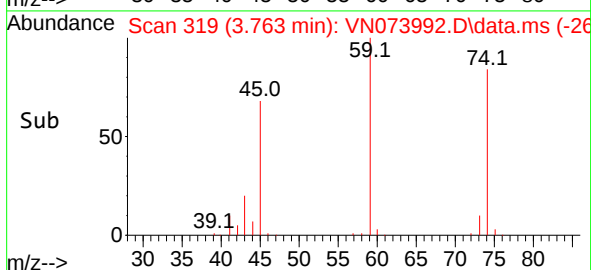
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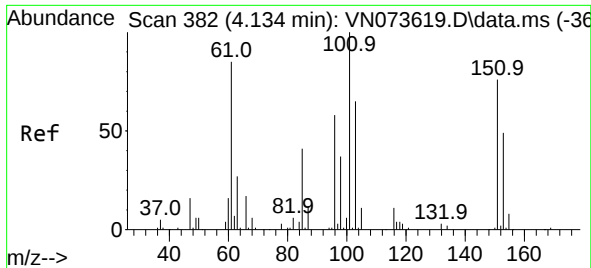


#8
Diethyl Ether
Concen: 54.277 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30



Tgt Ion: 74 Resp: 160420
Ion Ratio Lower Upper
74 100
45 80.2 42.9 128.5





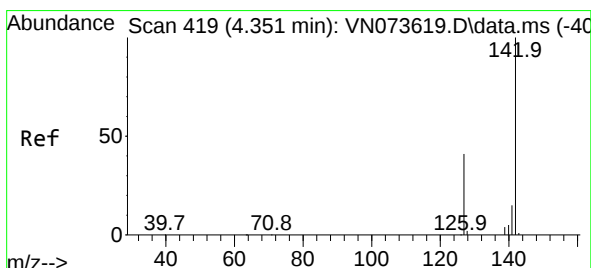
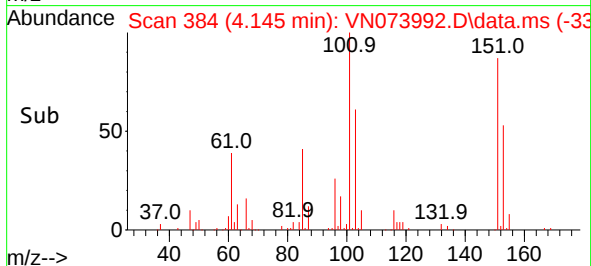
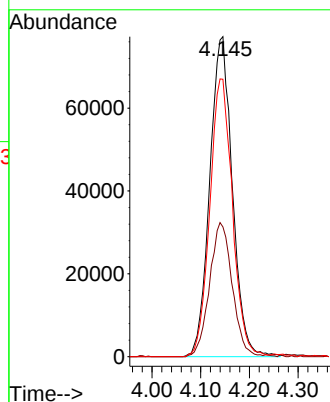
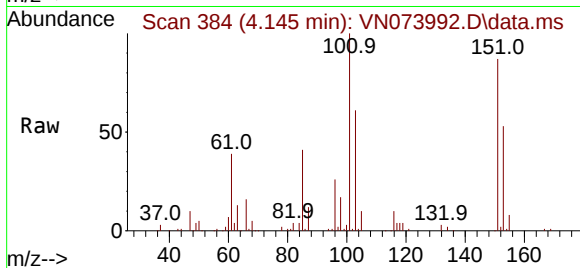
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.811 ug/l
RT: 4.145 min Scan# 382
Delta R.T. 0.011 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 24888
Ion Ratio Lower Upper
101 100
85 41.9 34.7 52.1
151 87.0 63.0 94.4

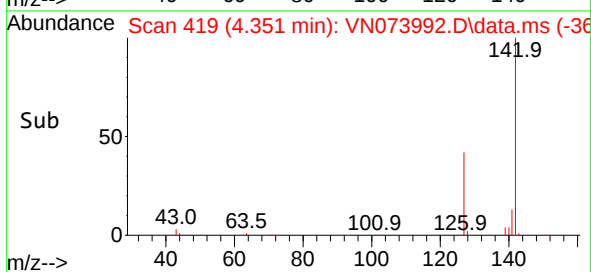
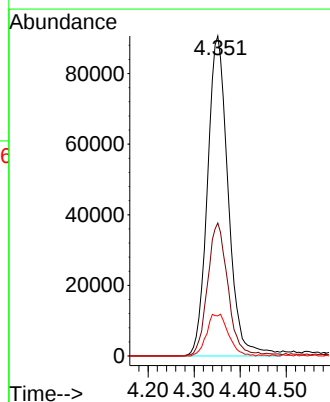
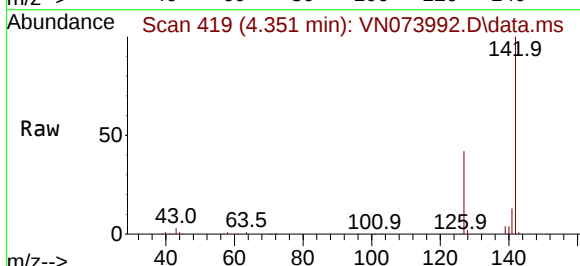
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#10
Methyl Iodide
Concen: 51.053 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

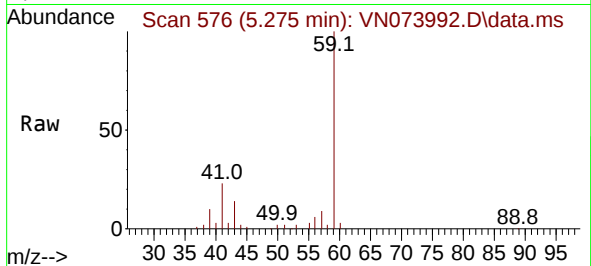
Tgt Ion:142 Resp: 283485
Ion Ratio Lower Upper
142 100
127 40.7 31.3 46.9
141 13.7 11.2 16.8





#11
Tert butyl alcohol
Concen: 240.196 ug/l
RT: 5.275 min Scan# 51
Delta R.T. -0.017 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

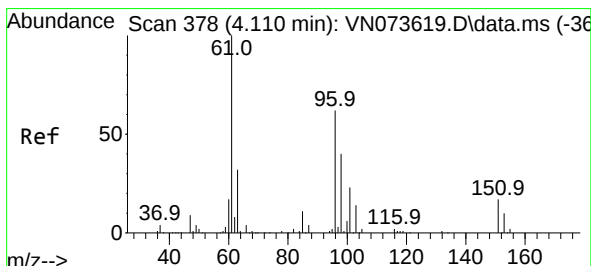
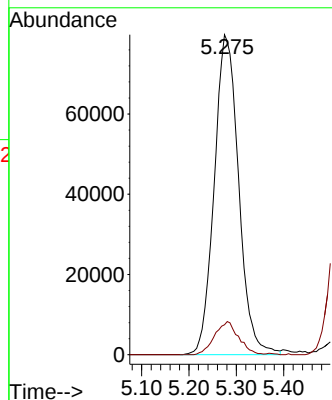
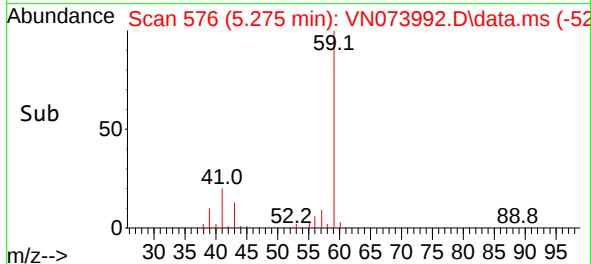
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 285340
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

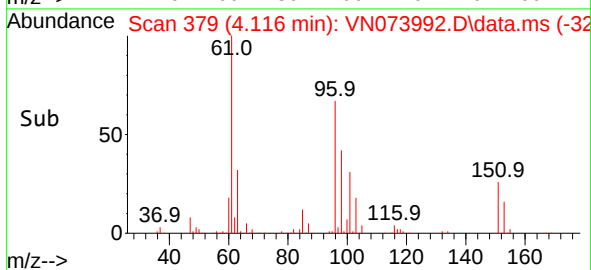
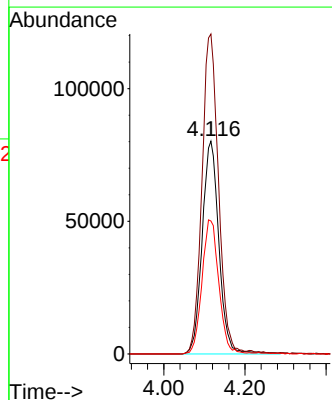
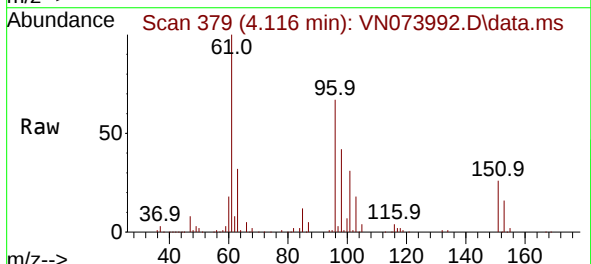
Manual Integrations
APPROVED

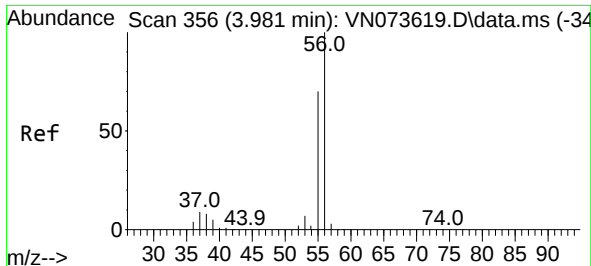
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#12
1,1-Dichloroethene
Concen: 53.274 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Tgt Ion: 96 Resp: 229258
Ion Ratio Lower Upper
96 100
61 150.4 127.6 191.4
98 62.5 51.2 76.8





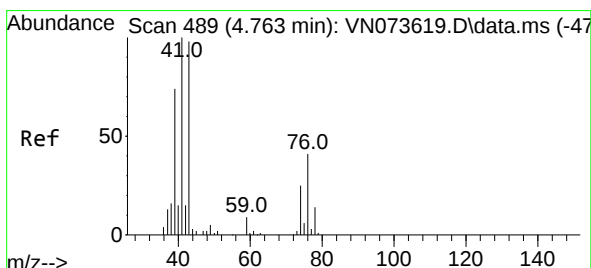
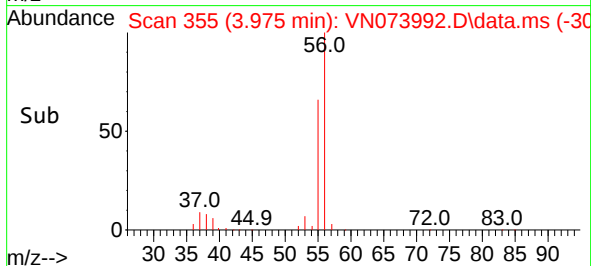
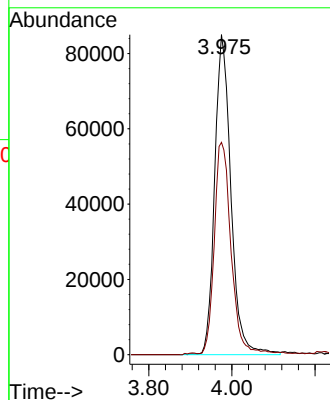
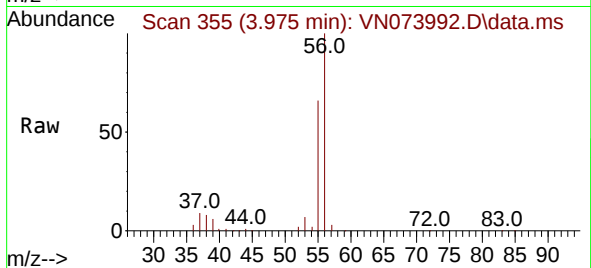
#13
Acrolein
Concen: 277.129 ug/l
RT: 3.975 min Scan# 356
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 230436
Ion Ratio Lower Upper
56 100
55 67.3 54.8 82.2

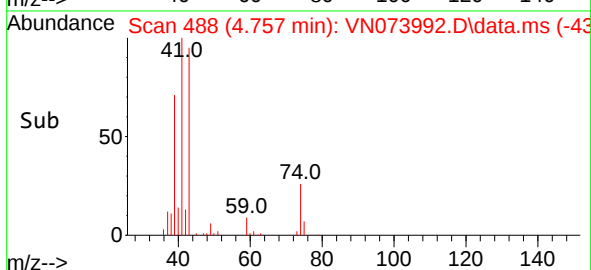
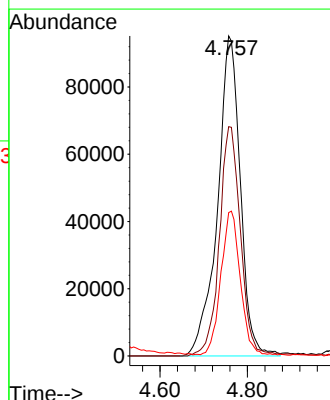
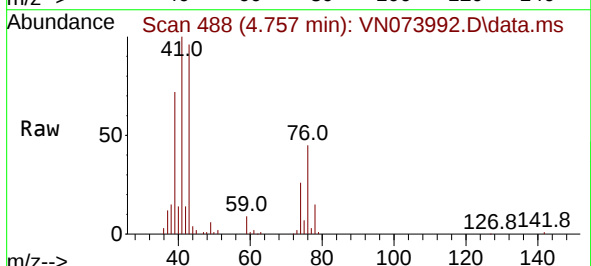
Manual Integrations
APPROVED

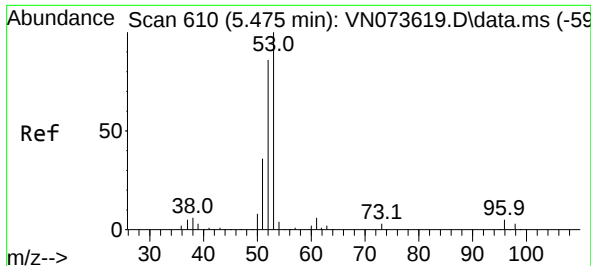
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#14
Allyl chloride
Concen: 54.009 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

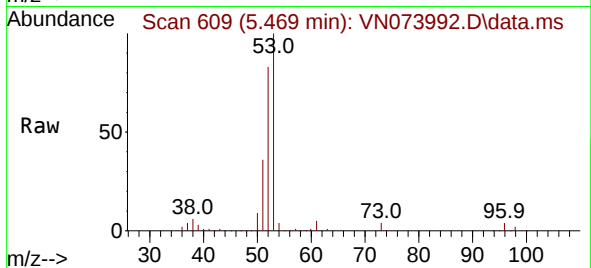
Tgt Ion: 41 Resp: 344218
Ion Ratio Lower Upper
41 100
39 66.2 53.2 79.8
76 38.4 29.9 44.9





#15
Acrylonitrile
Concen: 268.836 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

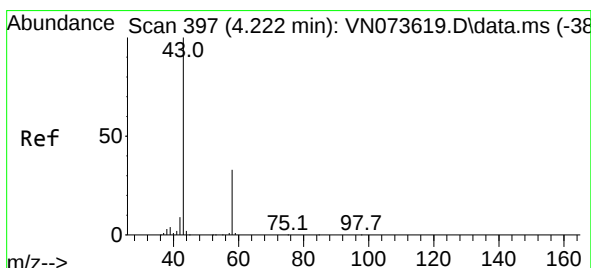
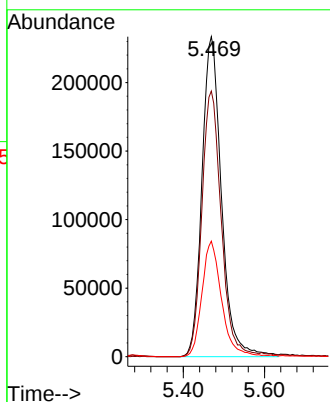
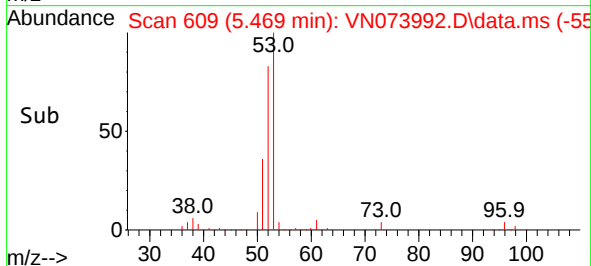
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 779700
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 36.3 28.5 42.7

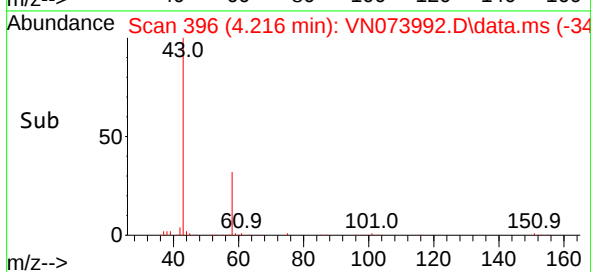
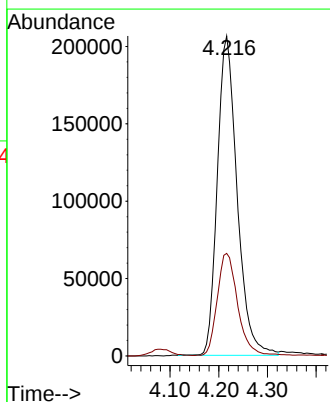
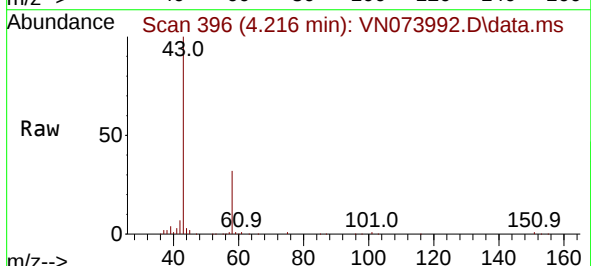
Manual Integrations
APPROVED

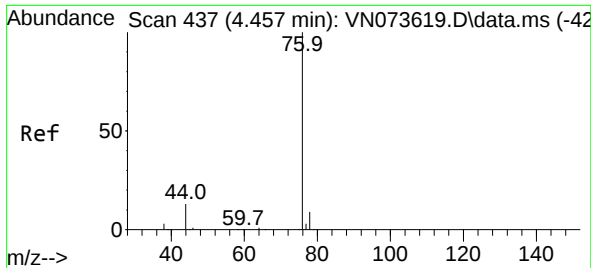
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#16
Acetone
Concen: 232.822 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

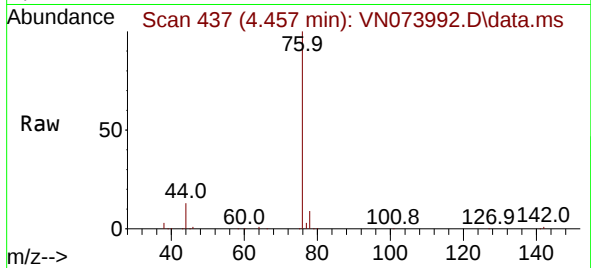
Tgt Ion: 43 Resp: 583353
Ion Ratio Lower Upper
43 100
58 31.7 26.0 39.0





#17
Carbon Disulfide
Concen: 50.813 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

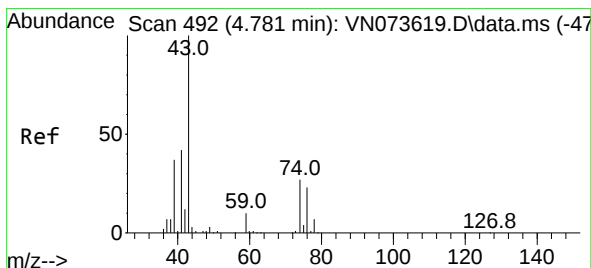
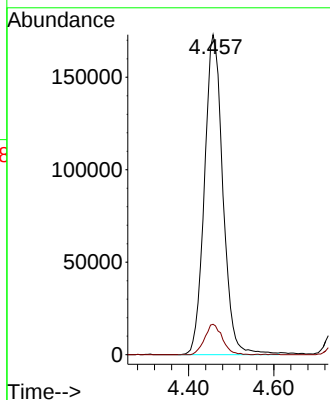
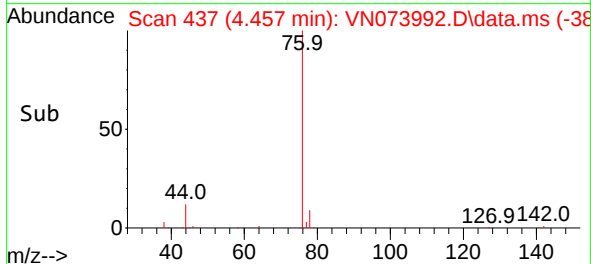
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 51993
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8

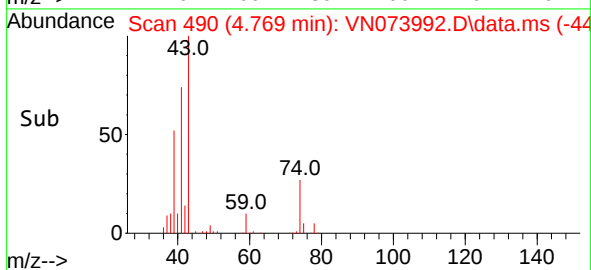
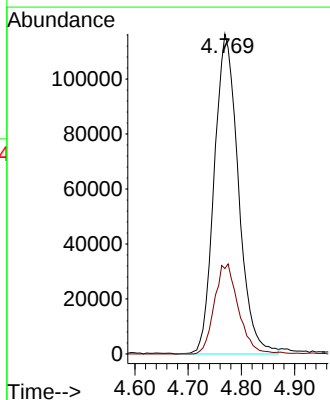
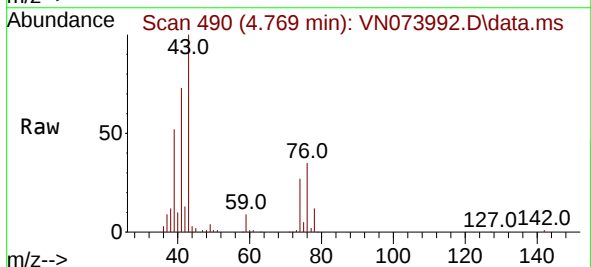
Manual Integrations
APPROVED

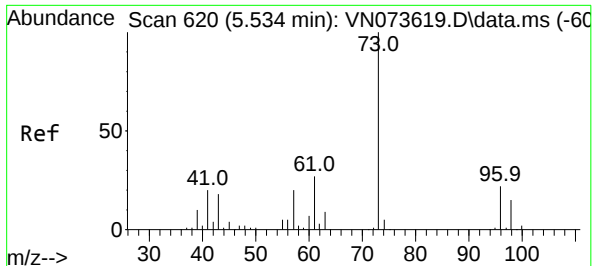
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#18
Methyl Acetate
Concen: 58.944 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.012 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

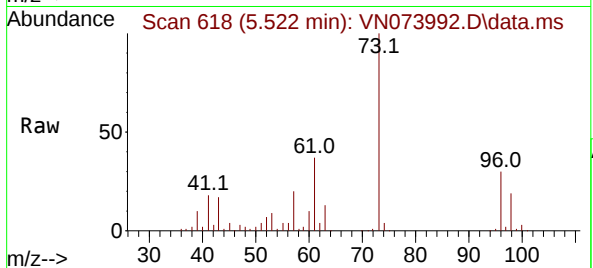
Tgt Ion: 43 Resp: 366266
Ion Ratio Lower Upper
43 100
74 27.9 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 53.535 ug/l
RT: 5.522 min Scan# 618
Delta R.T. -0.012 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

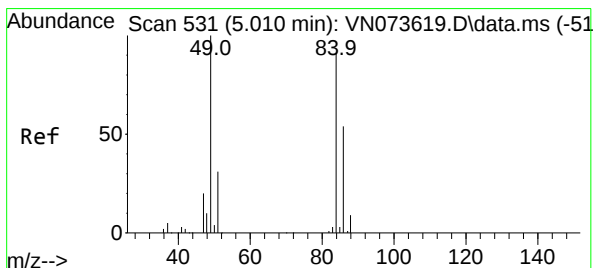
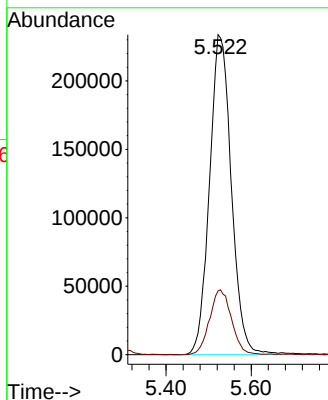
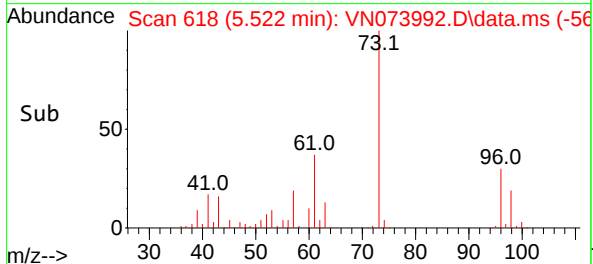
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 82973
Ion Ratio Lower Upper
73 100
57 20.0 17.6 26.4

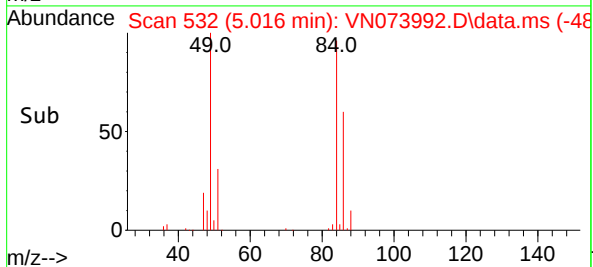
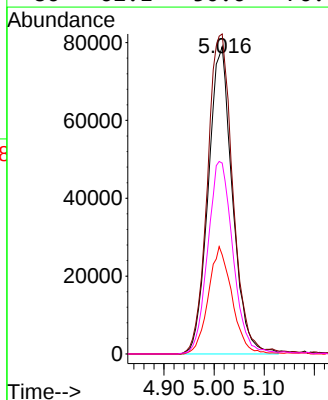
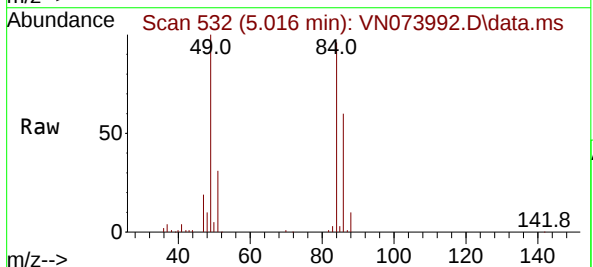
Manual Integrations
APPROVED

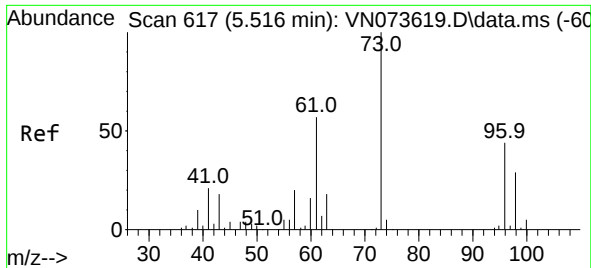
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#20
Methylene Chloride
Concen: 50.055 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

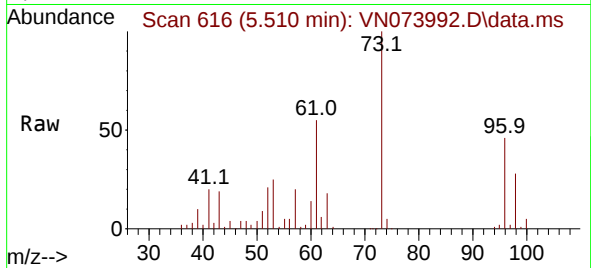
Tgt Ion: 84 Resp: 264647
Ion Ratio Lower Upper
84 100
49 104.1 88.3 132.5
51 32.2 28.2 42.2
86 62.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 52.579 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

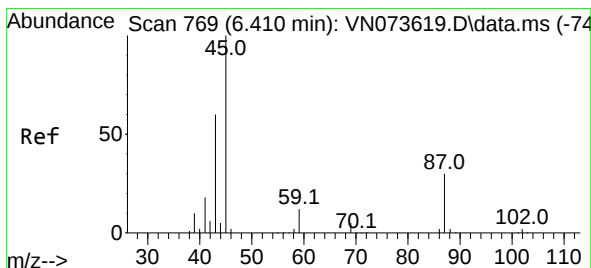
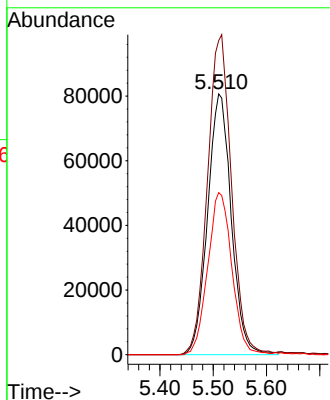
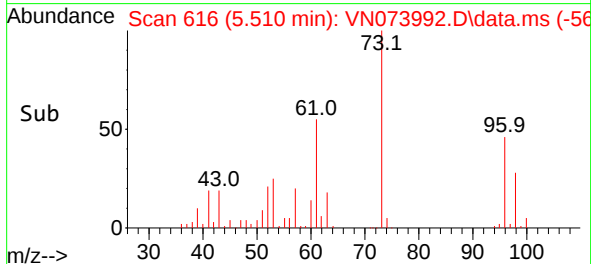
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 24928
Ion Ratio Lower Upper
96 100
61 120.4 105.8 158.8
98 62.1 50.3 75.5

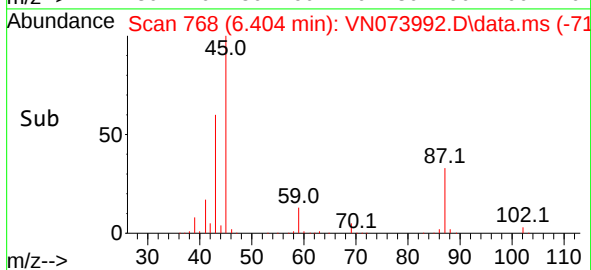
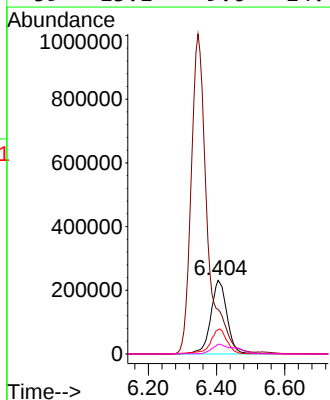
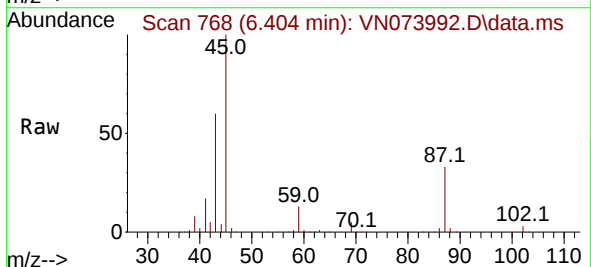
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#22
Diisopropyl ether
Concen: 56.456 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Tgt Ion: 45 Resp: 762892
Ion Ratio Lower Upper
45 100
43 59.2 46.6 70.0
87 32.5 24.3 36.5
59 13.1 9.6 14.4





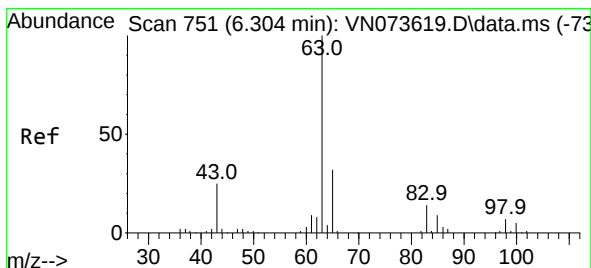
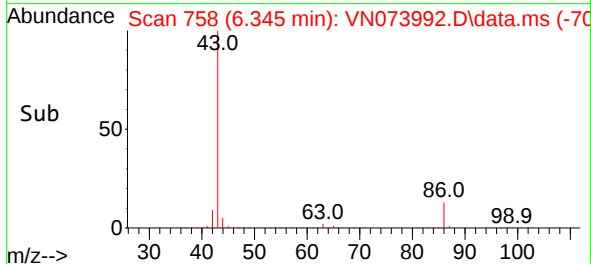
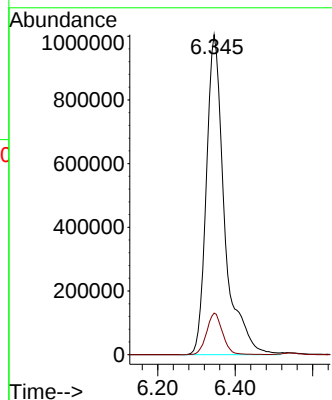
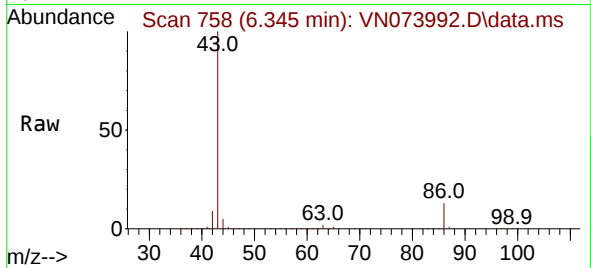
#23
 Vinyl Acetate
 Concen: 282.538 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. -0.006 min
 Lab File: VN073992.D
 Acq: 18 Aug 2022 09:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 327181
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.0 15.0

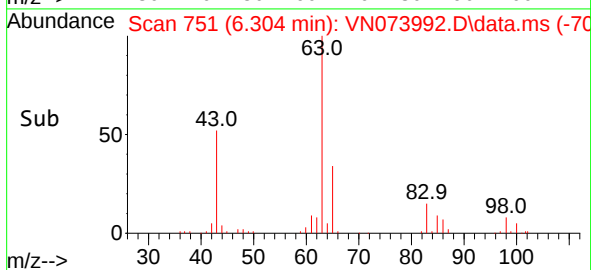
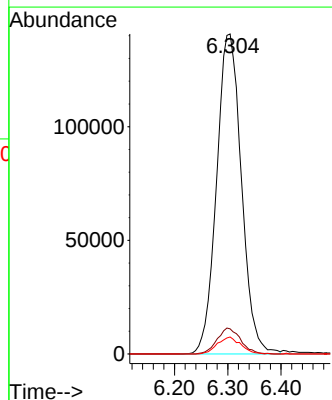
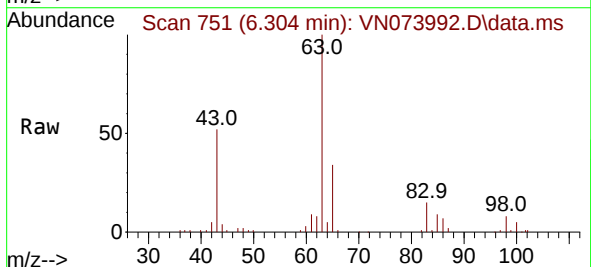
Manual Integrations
 APPROVED

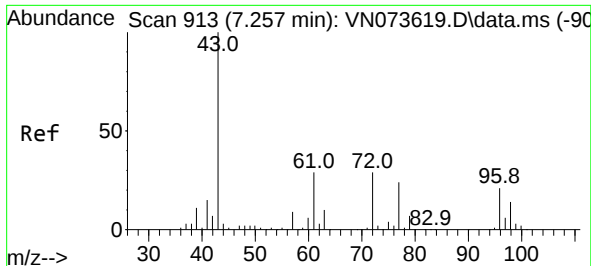
Reviewed By :John Carlone 08/19/2022
 Supervised By :Mahesh Dadoda 08/22/2022



#24
 1,1-Dichloroethane
 Concen: 54.241 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073992.D
 Acq: 18 Aug 2022 09:30

Tgt Ion: 63 Resp: 456236
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 5.3 2.3 6.8





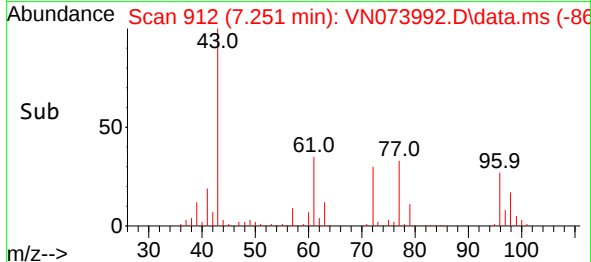
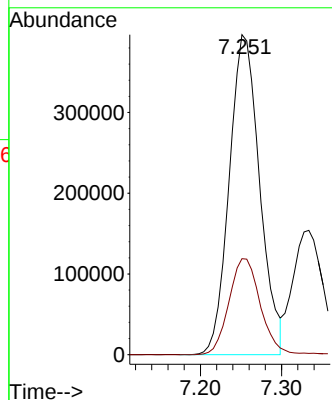
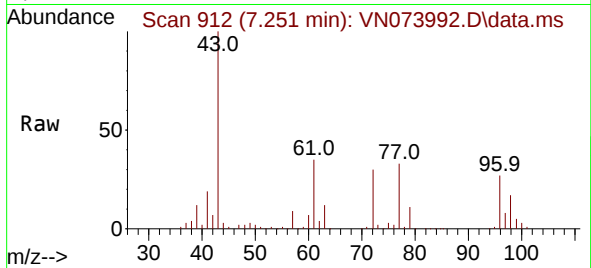
#25
2-Butanone
Concen: 260.031 ug/l
RT: 7.251 min Scan# 912
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 103306
Ion Ratio Lower Upper
43 100
72 30.0 23.7 35.5

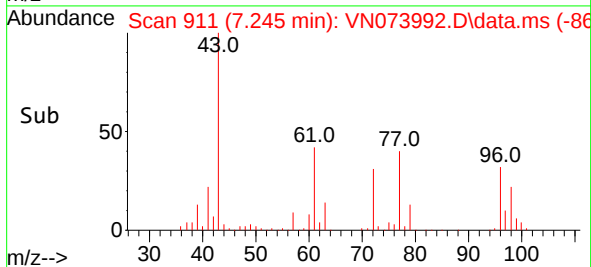
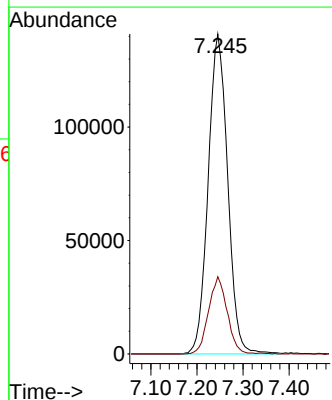
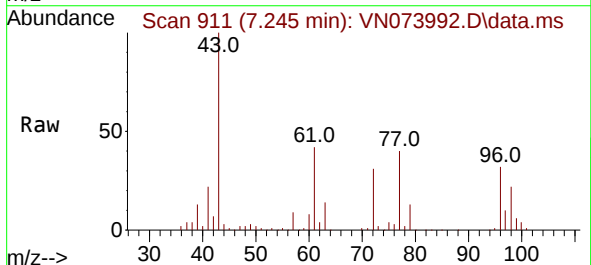
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#26
2,2-Dichloropropane
Concen: 52.523 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Tgt Ion: 77 Resp: 415068
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.2





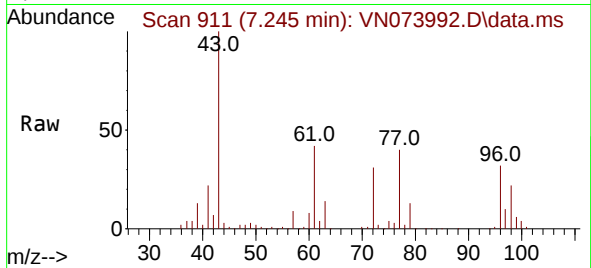
#27
 cis-1,2-Dichloroethene
 Concen: 52.849 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN073992.D
 Acq: 18 Aug 2022 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



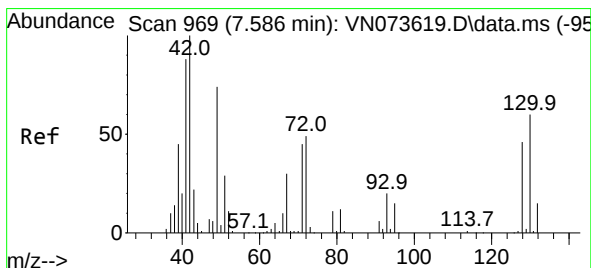
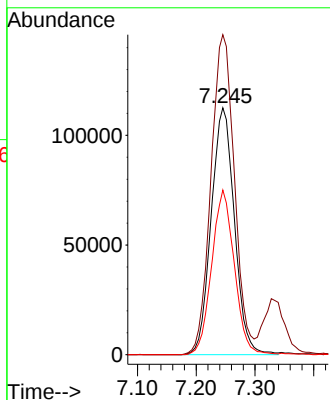
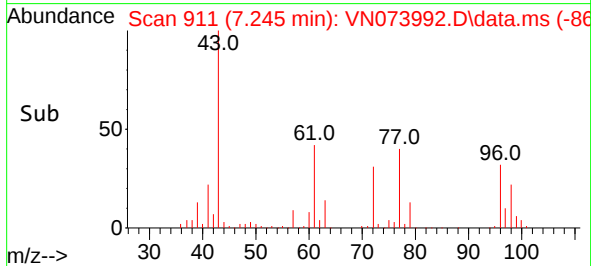
Tgt Ion: 96 Resp: 309140
 Ion Ratio Lower Upper
 96 100
 61 130.9 0.0 280.6
 98 65.0 0.0 128.4

Manual Integrations

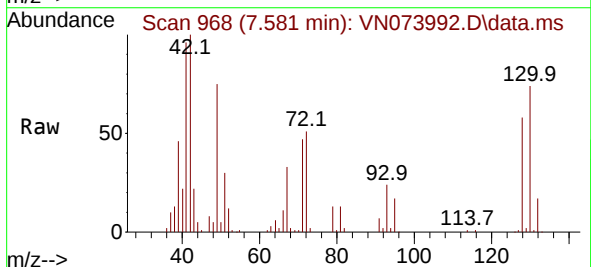
APPROVED

Reviewed By :John Carlone 08/19/2022

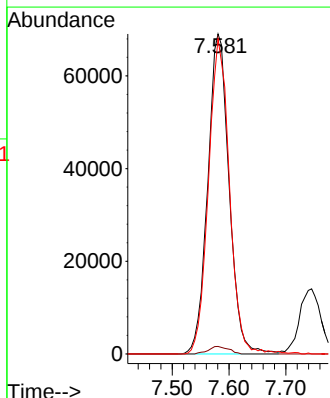
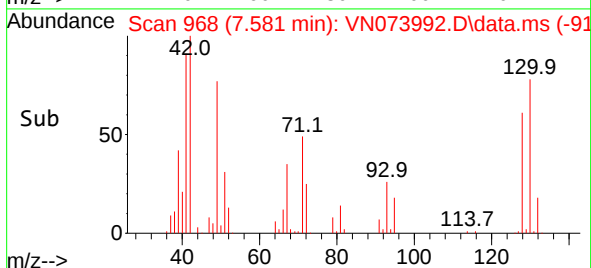
Supervised By :Mahesh Dadoda 08/22/2022

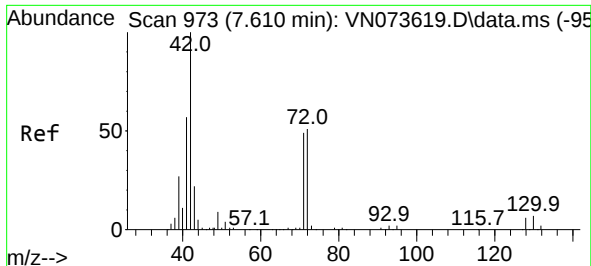


#28
 Bromochloromethane
 Concen: 58.051 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.005 min
 Lab File: VN073992.D
 Acq: 18 Aug 2022 09:30



Tgt Ion: 49 Resp: 180091
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 96.7 69.7 104.5





#29

Tetrahydrofuran

Concen: 268.320 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073992.D

Acq: 18 Aug 2022 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 68381

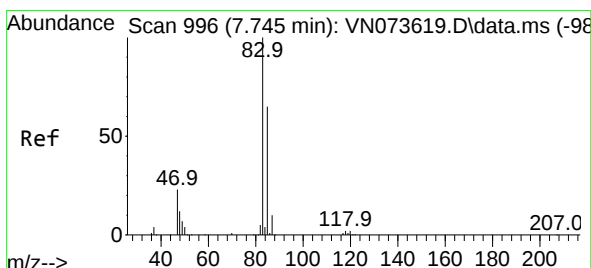
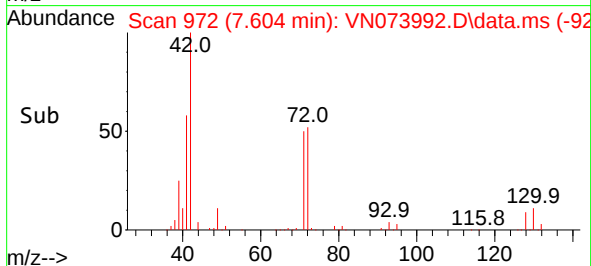
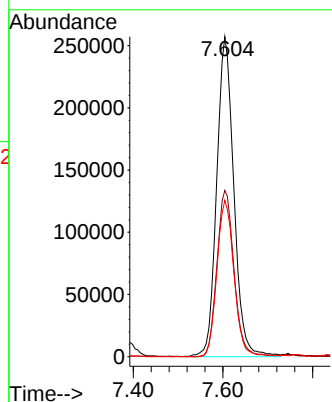
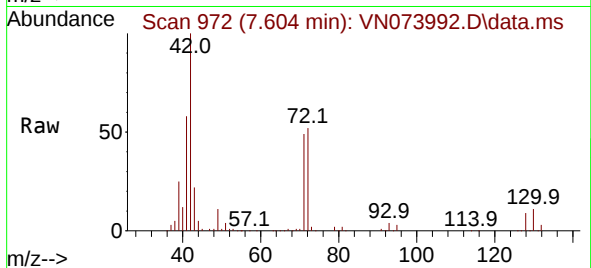
Ion	Ratio	Lower	Upper
42	100		
72	51.8	39.7	59.5
71	48.5	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#30

Chloroform

Concen: 53.435 ug/l

RT: 7.745 min Scan# 996

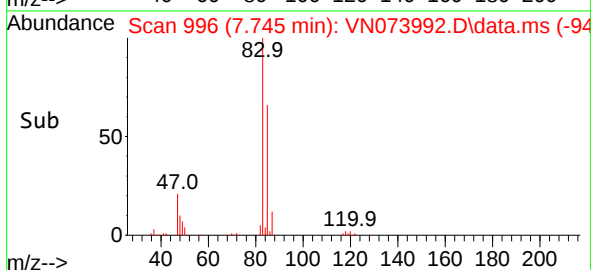
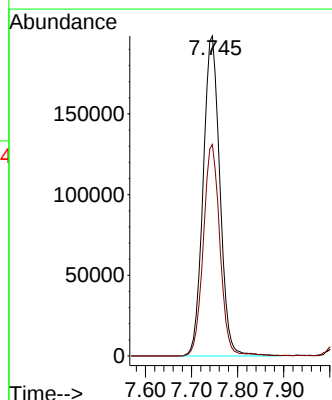
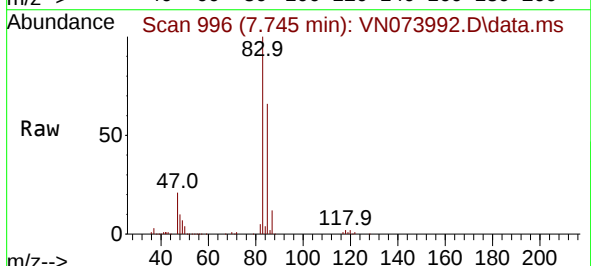
Delta R.T. 0.000 min

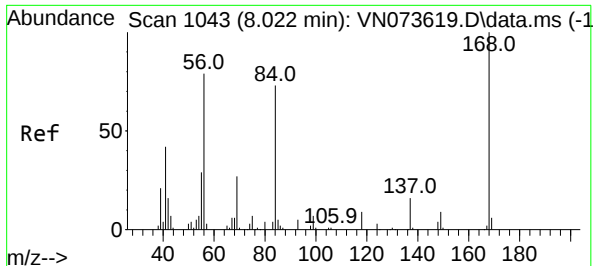
Lab File: VN073992.D

Acq: 18 Aug 2022 09:30

Tgt Ion: 83 Resp: 502585

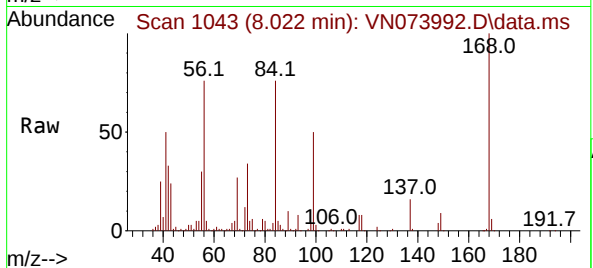
Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.8	77.8





#31
Cyclohexane
Concen: 54.136 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

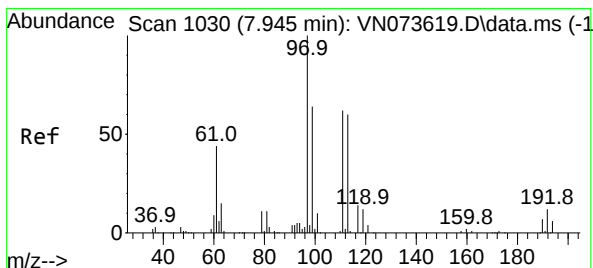
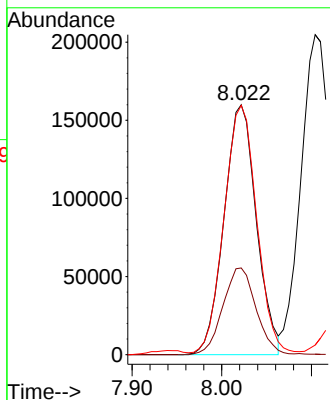
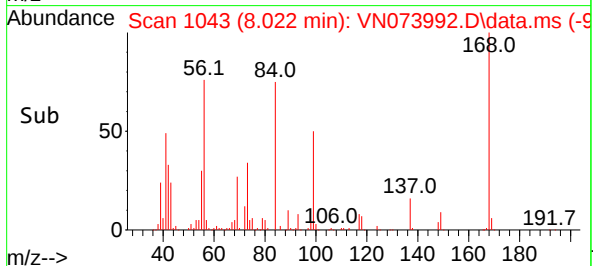
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 40079
Ion Ratio Lower Upper
56 100
69 34.7 27.8 41.8
84 98.1 76.9 115.3

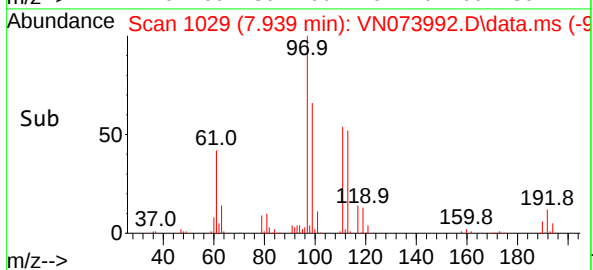
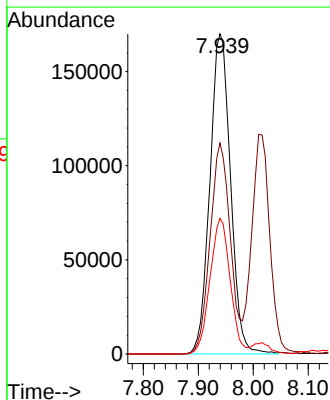
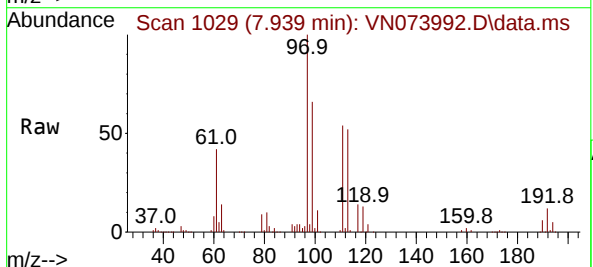
Manual Integrations
APPROVED

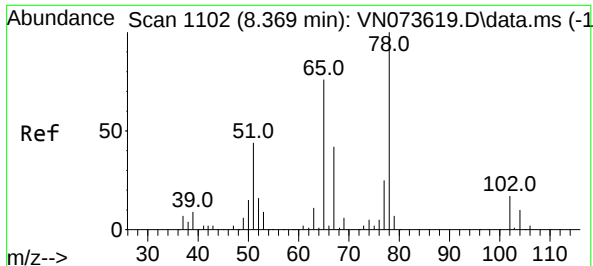
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#32
1,1,1-Trichloroethane
Concen: 53.135 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Tgt Ion: 97 Resp: 443189
Ion Ratio Lower Upper
97 100
99 65.1 50.6 76.0
61 41.4 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 55.555 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073992.D

Acq: 18 Aug 2022 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 29504

Ion Ratio Lower Upper

65 100

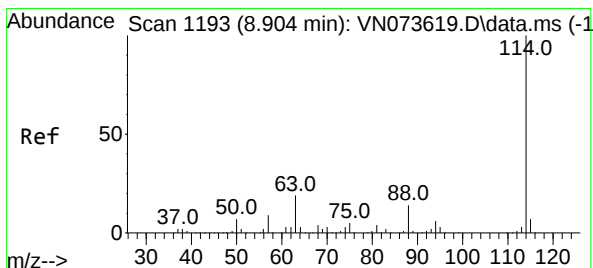
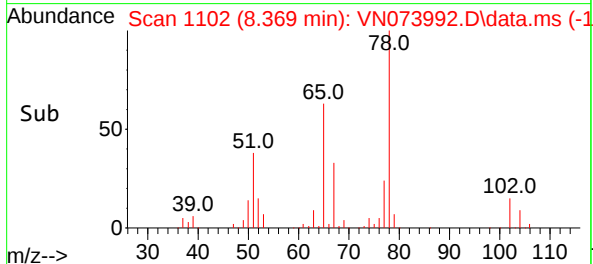
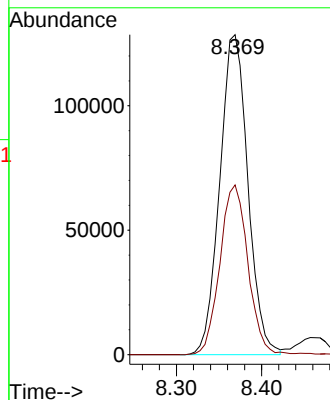
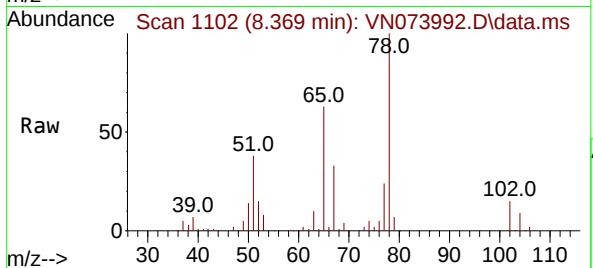
67 52.9 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN073992.D

Acq: 18 Aug 2022 09:30

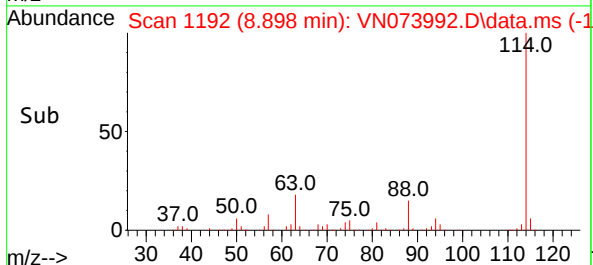
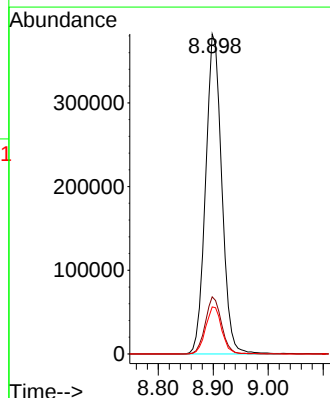
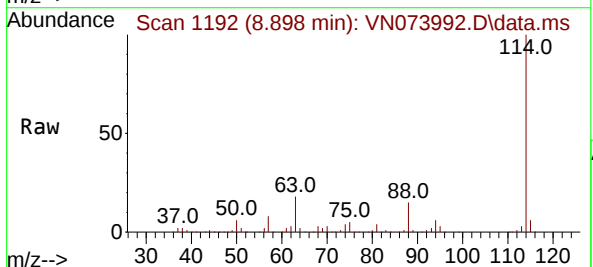
Tgt Ion:114 Resp: 780562

Ion Ratio Lower Upper

114 100

63 17.9 0.0 40.0

88 14.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 57.045 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073992.D

Acq: 18 Aug 2022 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 263329

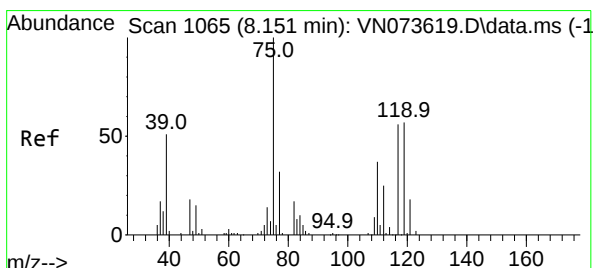
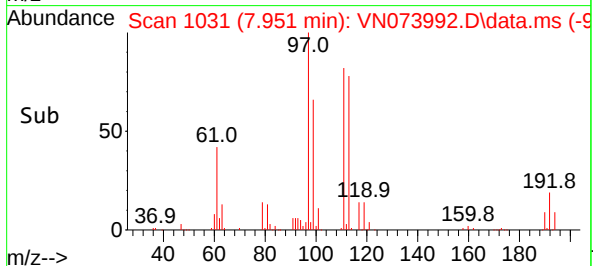
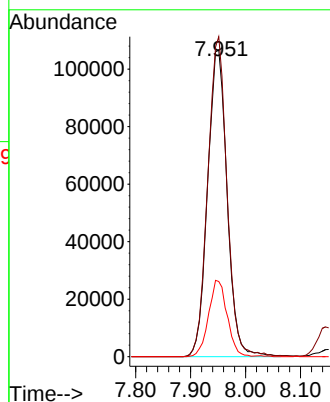
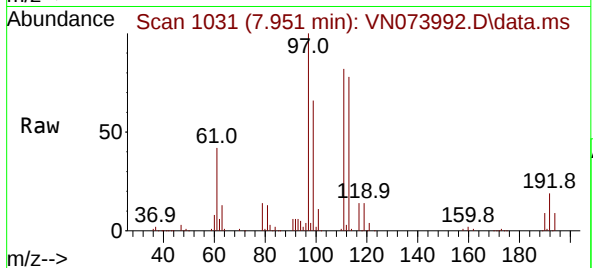
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.4	122.0
192	23.7	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#36

1,1-Dichloropropene

Concen: 56.103 ug/l

RT: 8.151 min Scan# 1065

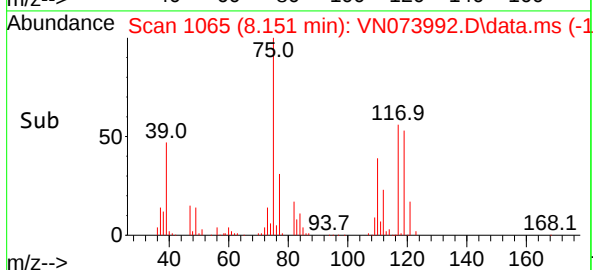
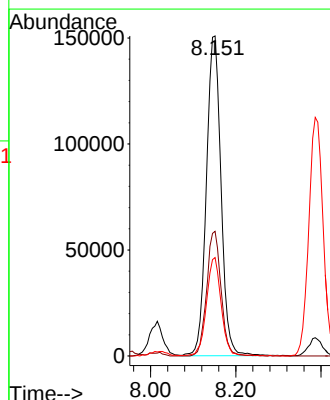
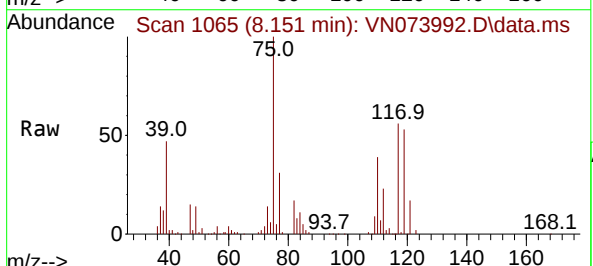
Delta R.T. 0.000 min

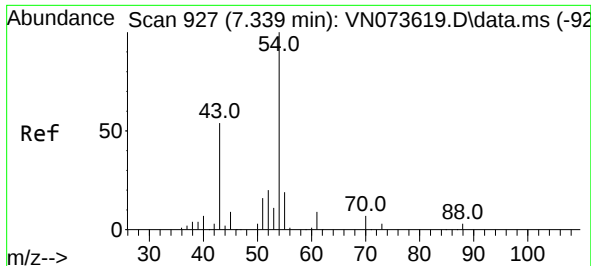
Lab File: VN073992.D

Acq: 18 Aug 2022 09:30

Tgt Ion: 75 Resp: 359714

Ion	Ratio	Lower	Upper
75	100		
110	38.3	18.3	54.8
77	30.9	25.1	37.7





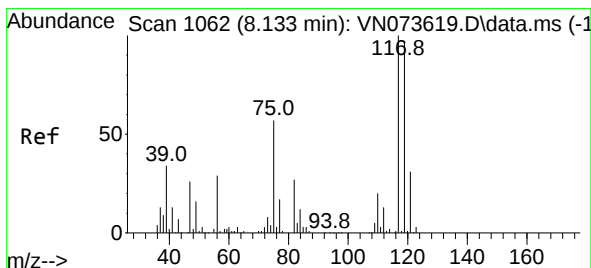
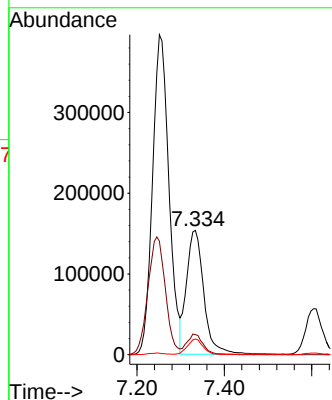
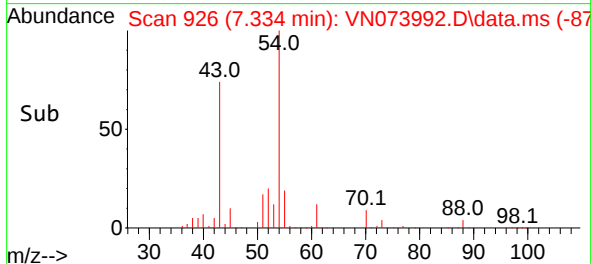
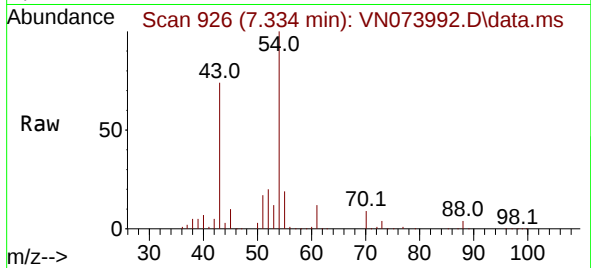
#37
Ethyl Acetate
Concen: 54.152 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 420634
Ion Ratio Lower Upper
43 100
61 15.9 11.8 17.6
70 11.5 9.3 13.9

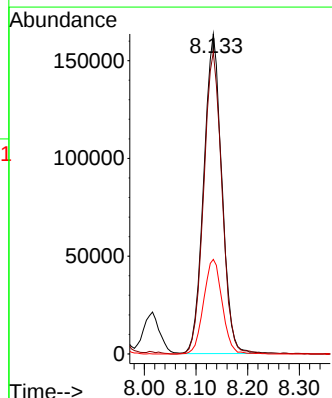
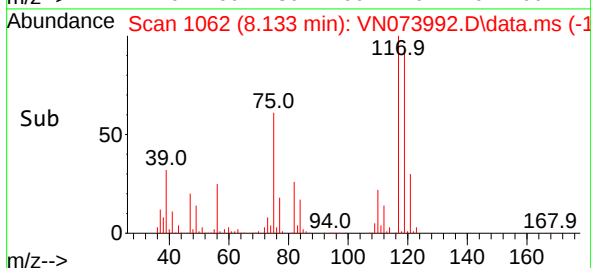
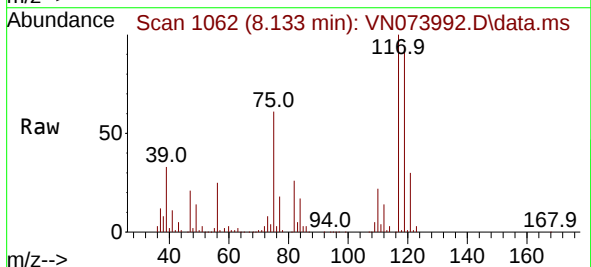
Manual Integrations
APPROVED

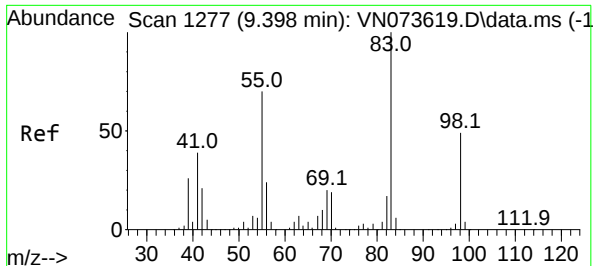
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#38
Carbon Tetrachloride
Concen: 54.185 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Tgt Ion:117 Resp: 397111
Ion Ratio Lower Upper
117 100
119 94.3 75.8 113.8
121 29.6 24.6 37.0





#39

Methylcyclohexane

Concen: 58.091 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073992.D

Acq: 18 Aug 2022 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

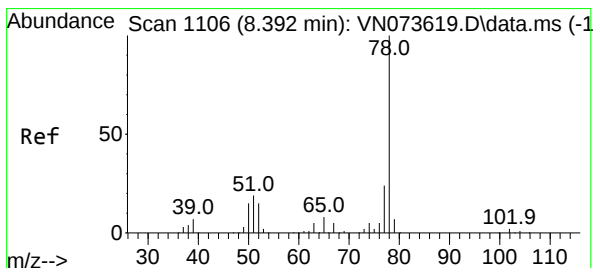
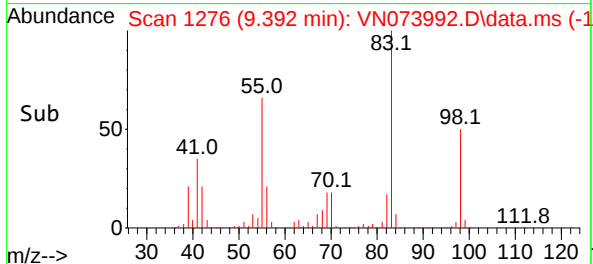
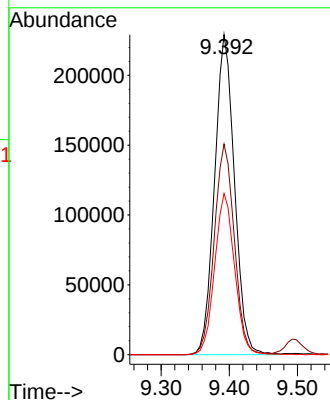
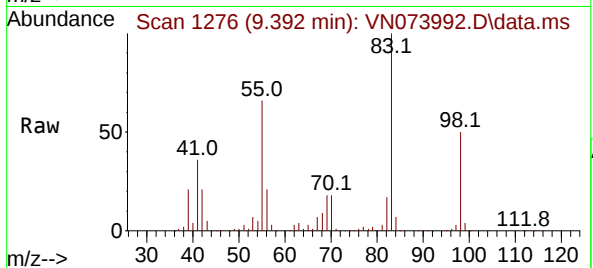
Tgt Ion: 83 Resp: 466699
 Ion Ratio Lower Upper
 83 100
 55 65.8 57.8 86.8
 98 50.3 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#40

Benzene

Concen: 54.262 ug/l

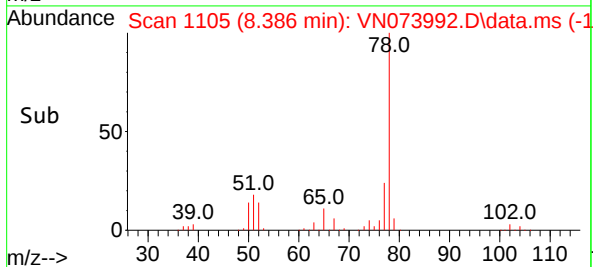
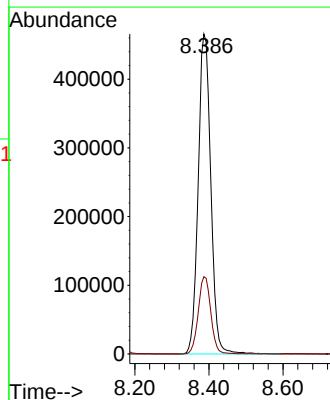
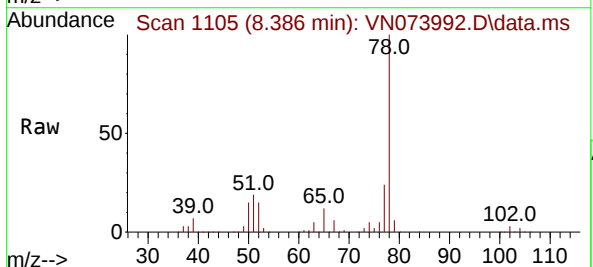
RT: 8.386 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073992.D

Acq: 18 Aug 2022 09:30

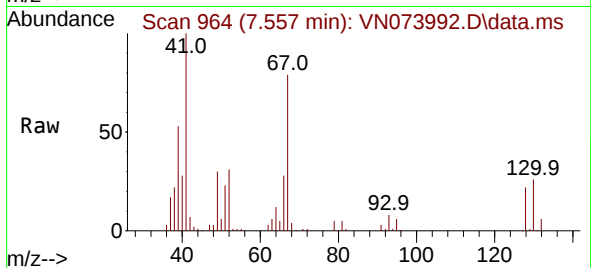
Tgt Ion: 78 Resp: 1098056
 Ion Ratio Lower Upper
 78 100
 77 24.2 19.4 29.0





#41
Methacrylonitrile
Concen: 56.994 ug/l
RT: 7.557 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

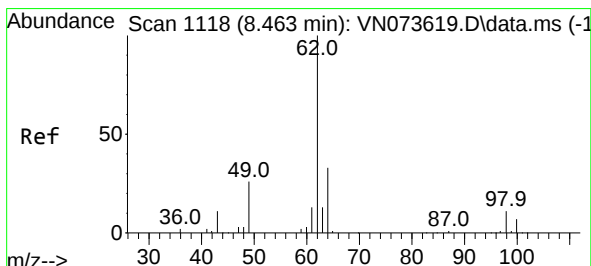
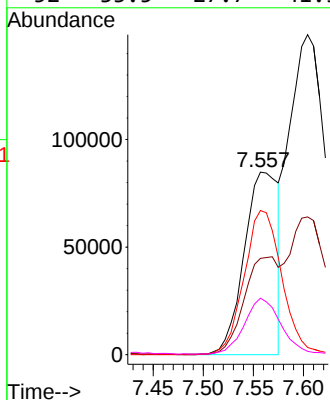
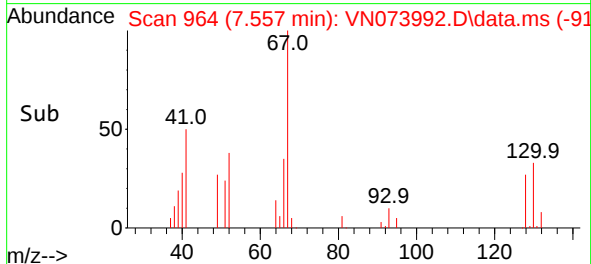
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 20006
Ion Ratio Lower Upper
41 100
39 53.6 48.6 73.0
67 88.8 73.4 110.2
52 33.5 27.7 41.5

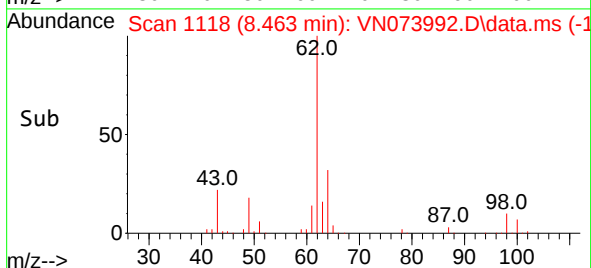
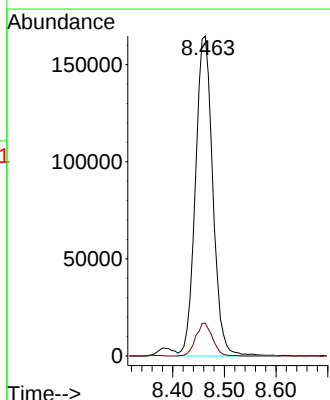
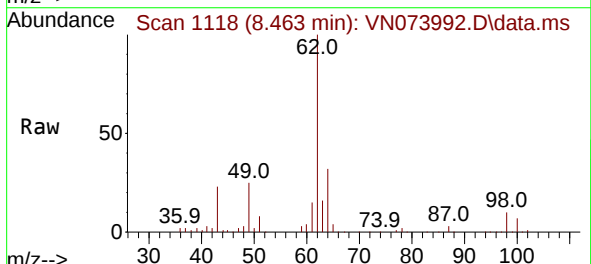
Manual Integrations
APPROVED

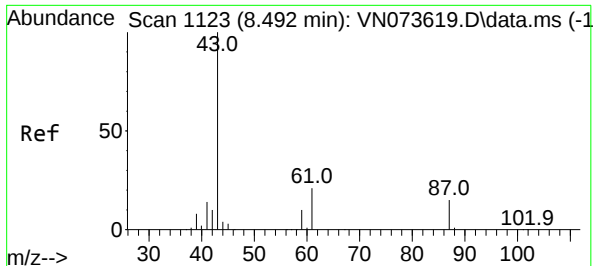
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#42
1,2-Dichloroethane
Concen: 55.205 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Tgt Ion: 62 Resp: 384123
Ion Ratio Lower Upper
62 100
98 9.9 0.0 19.4





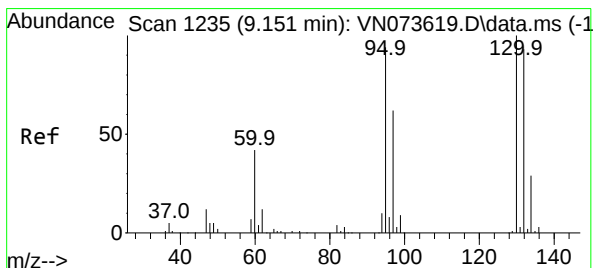
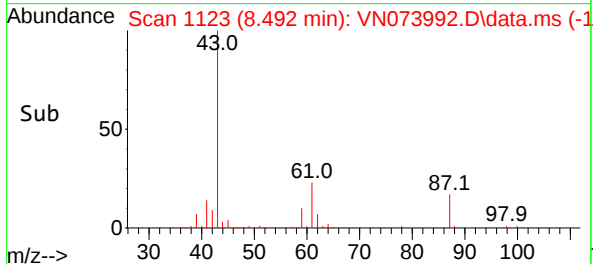
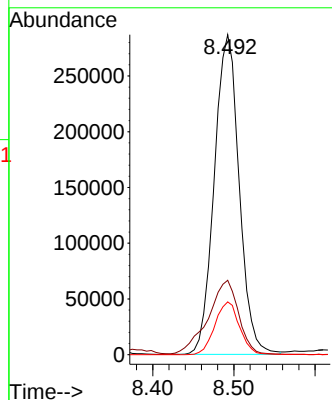
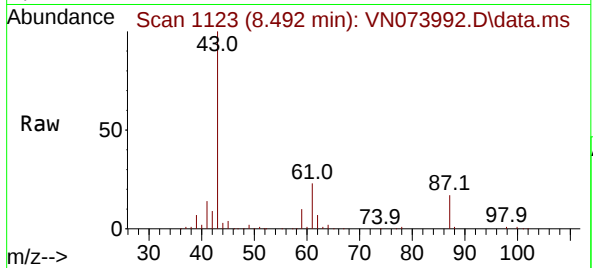
#43
Isopropyl Acetate
Concen: 55.273 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 611630
Ion Ratio Lower Upper
43 100
61 28.7 21.9 32.9
87 16.4 12.0 18.0

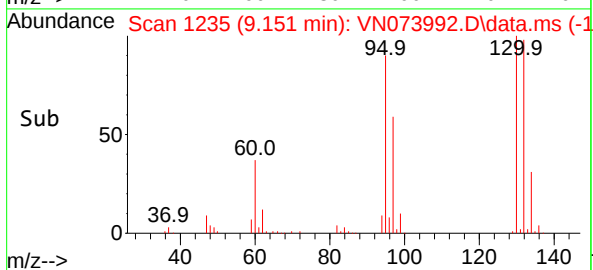
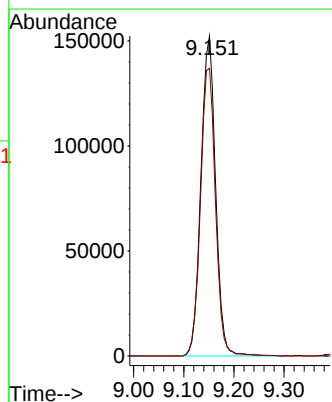
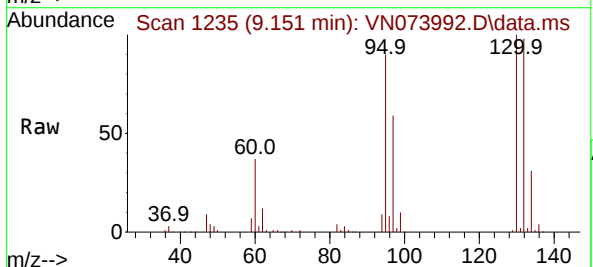
Manual Integrations
APPROVED

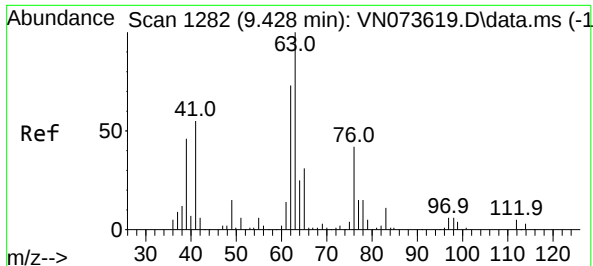
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#44
Trichloroethene
Concen: 52.994 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Tgt Ion:130 Resp: 309744
Ion Ratio Lower Upper
130 100
95 89.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 56.114 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VN073992.D

Acq: 18 Aug 2022 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 272170

Ion Ratio Lower Upper

63 100

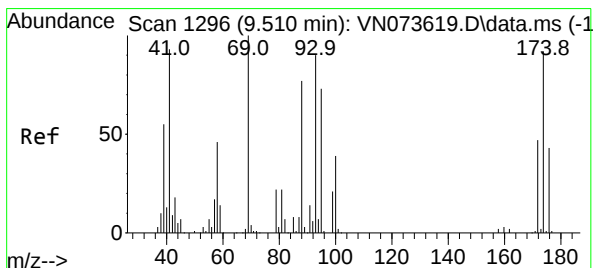
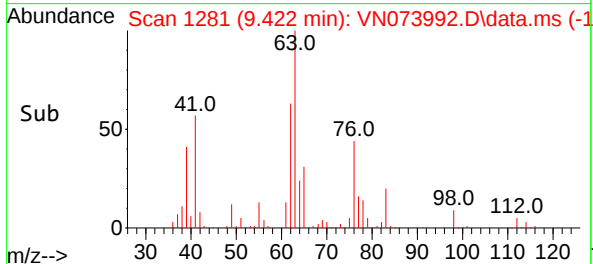
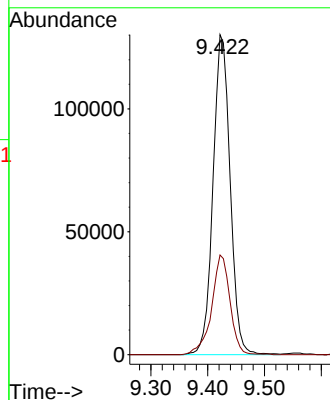
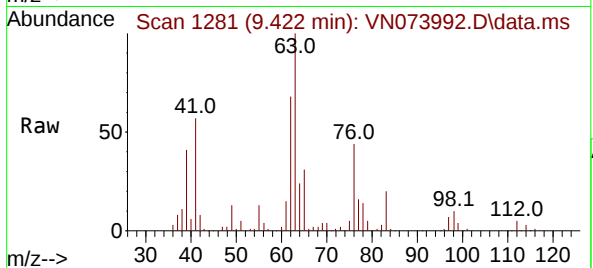
65 31.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#46

Dibromomethane

Concen: 54.199 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073992.D

Acq: 18 Aug 2022 09:30

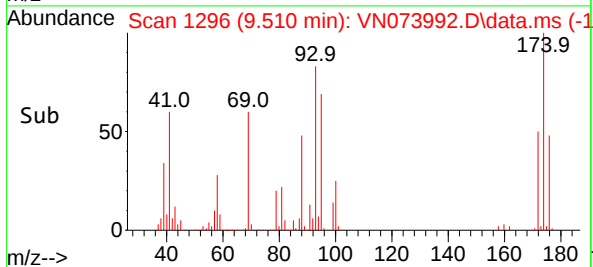
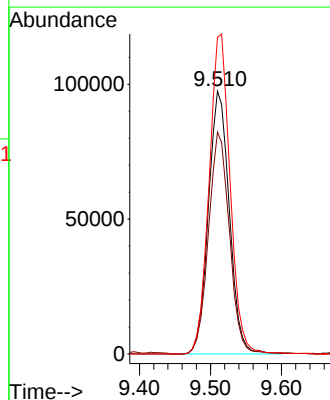
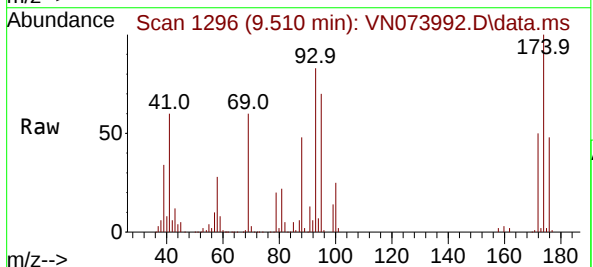
Tgt Ion: 93 Resp: 199869

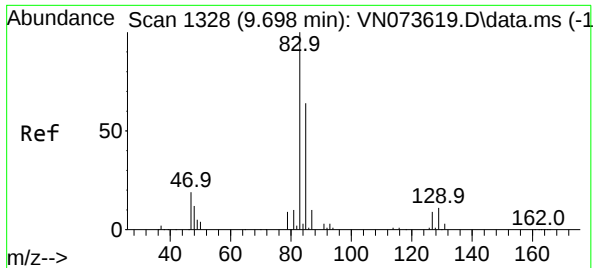
Ion Ratio Lower Upper

93 100

95 84.3 66.9 100.3

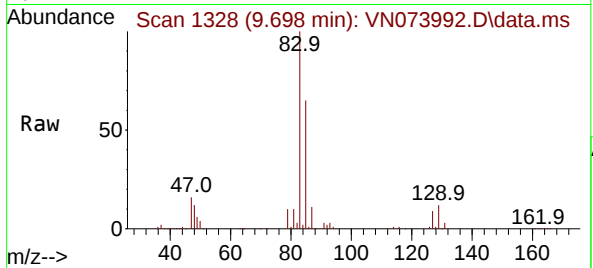
174 122.0 86.6 130.0





#47
Bromodichloromethane
Concen: 55.941 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

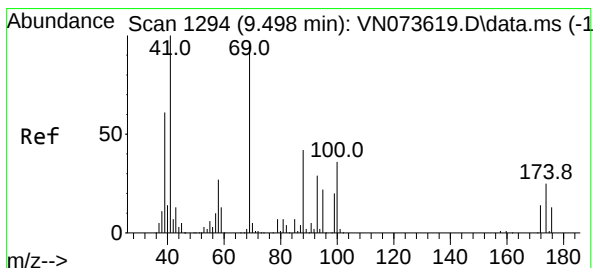
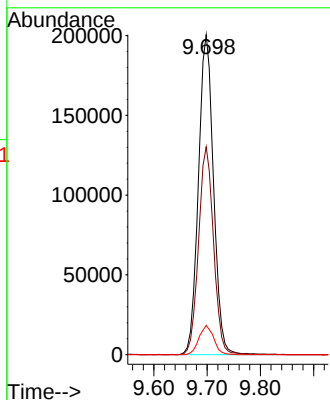
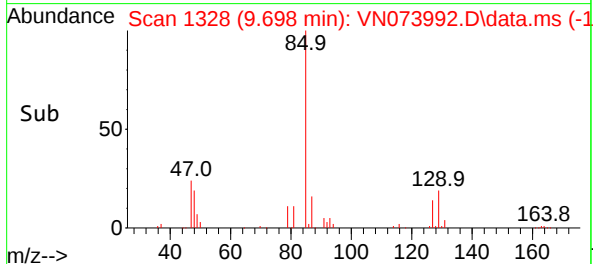
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



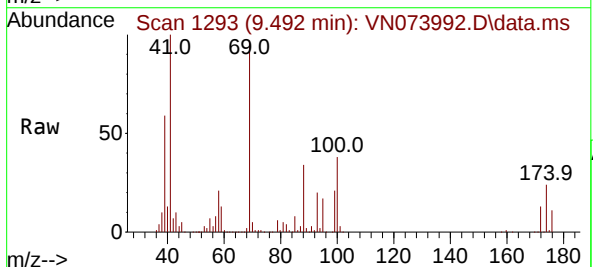
Tgt Ion: 83 Resp: 394294
Ion Ratio Lower Upper
83 100
85 65.0 50.5 75.7
127 9.2 6.8 10.2

Manual Integrations
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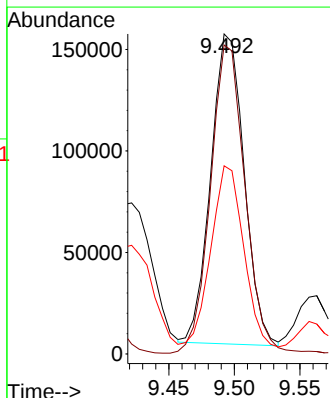
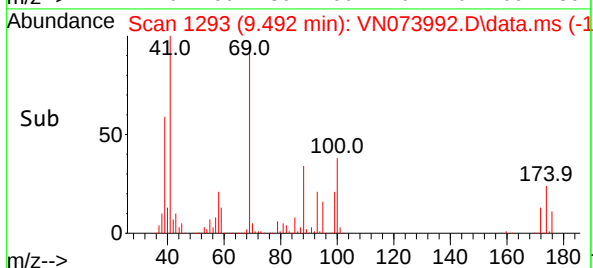
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

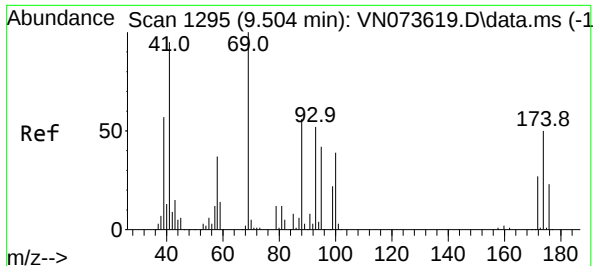


#48
Methyl methacrylate
Concen: 57.023 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30



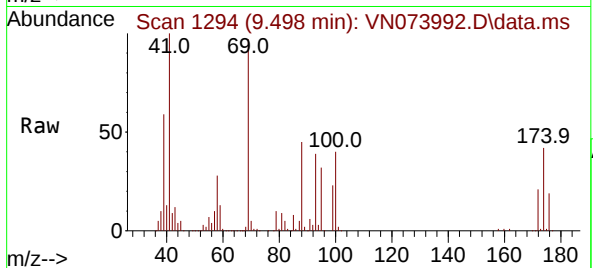
Tgt Ion: 41 Resp: 269997
Ion Ratio Lower Upper
41 100
69 103.4 74.7 112.1
39 62.7 45.6 68.4





#49
1,4-Dioxane
Concen: 1014.649 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

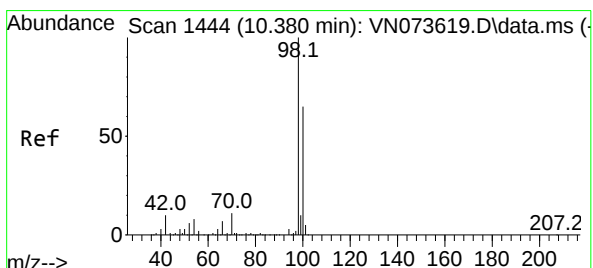
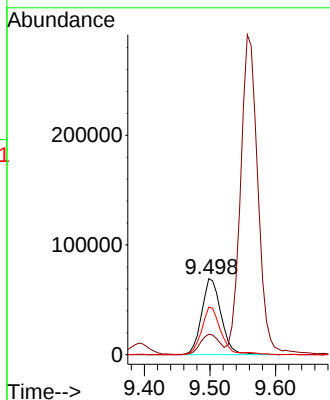
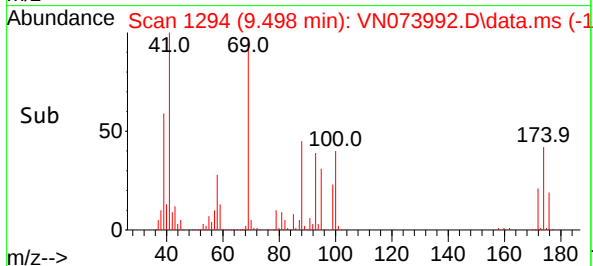
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 142868
Ion Ratio Lower Upper
88 100
43 25.7 20.2 30.4
58 60.1 54.2 81.4

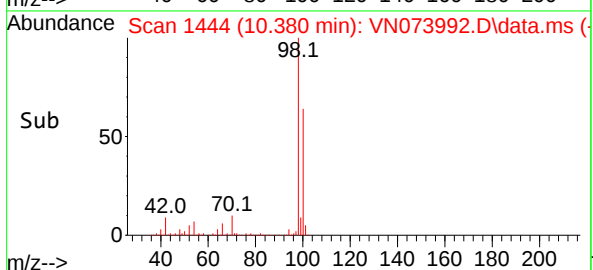
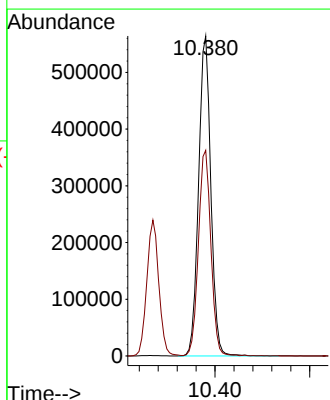
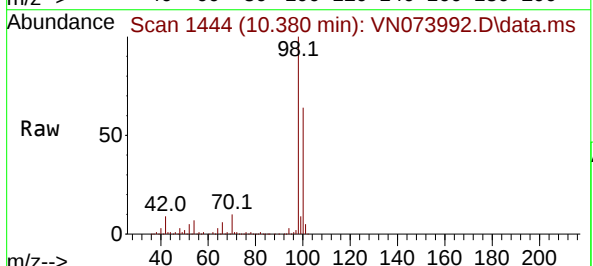
Manual Integrations
APPROVED

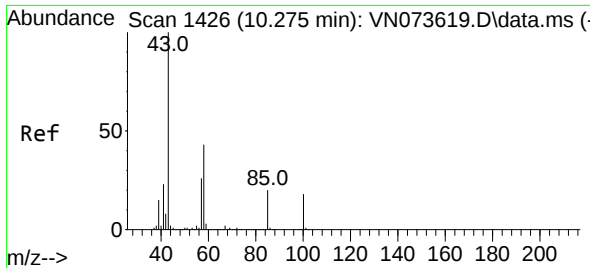
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#50
Toluene-d8
Concen: 56.559 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Tgt Ion: 98 Resp: 1011165
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8





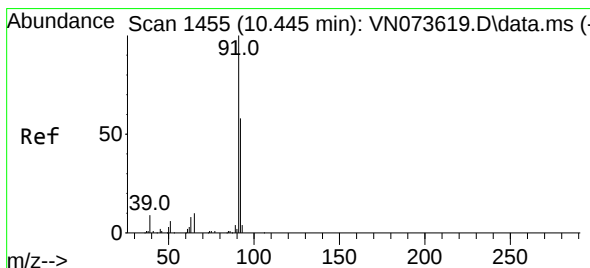
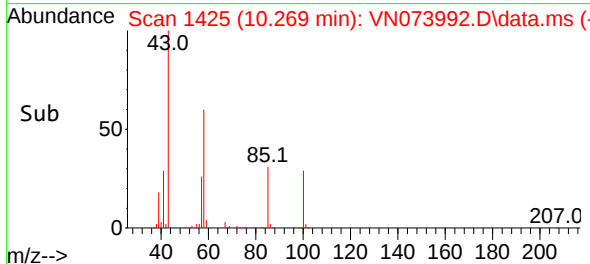
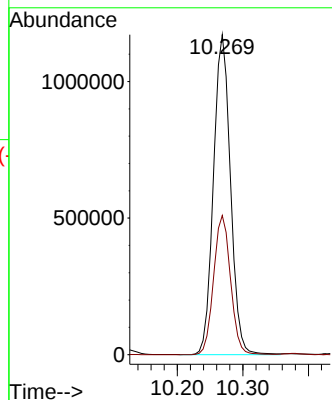
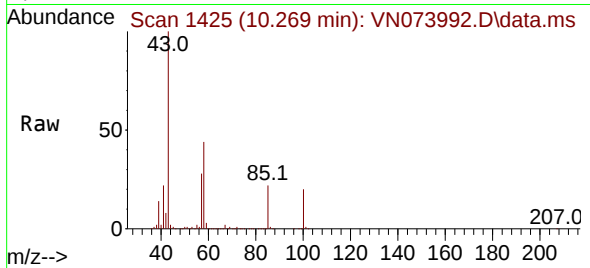
#51
4-Methyl-2-Pentanone
Concen: 281.321 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 2104719
Ion Ratio Lower Upper
43 100
58 43.4 34.1 51.1

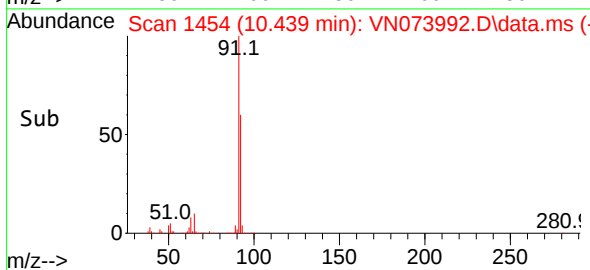
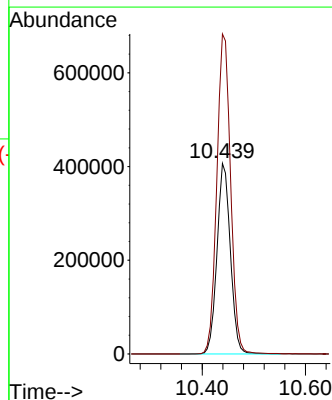
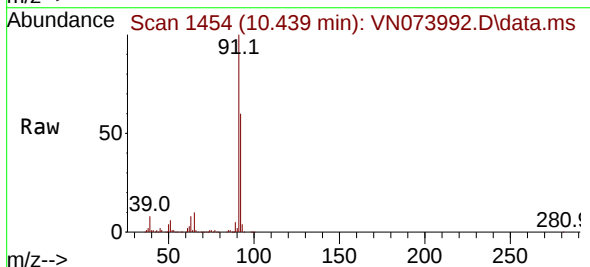
Manual Integrations
APPROVED

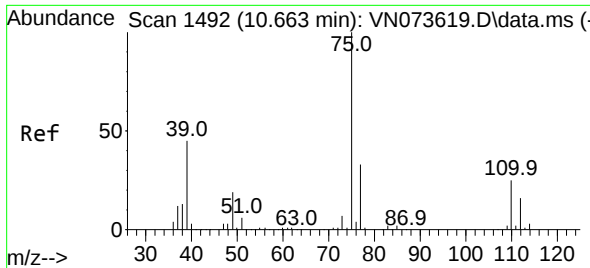
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#52
Toluene
Concen: 52.589 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

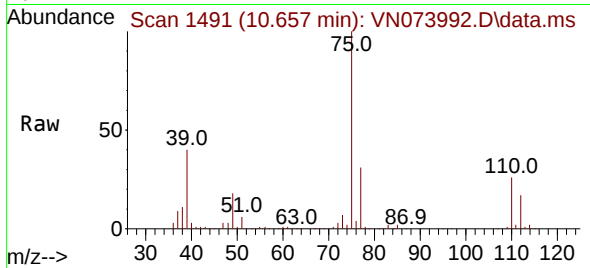
Tgt Ion: 92 Resp: 729747
Ion Ratio Lower Upper
92 100
91 172.9 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 57.464 ug/l
 RT: 10.657 min Scan# 1491
 Delta R.T. -0.006 min
 Lab File: VN073992.D
 Acq: 18 Aug 2022 09:30

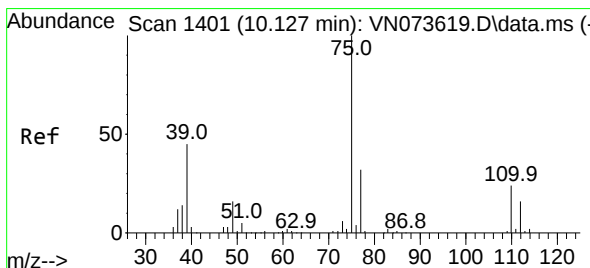
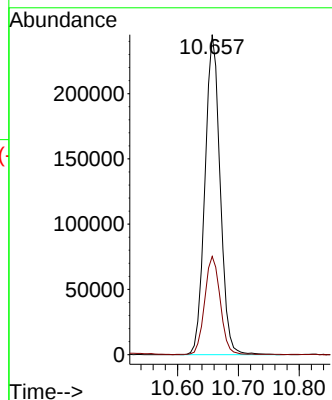
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 75 Resp: 425010
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.6 38.4

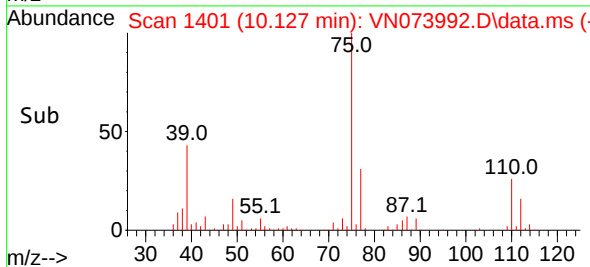
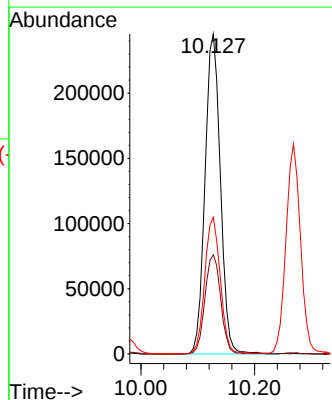
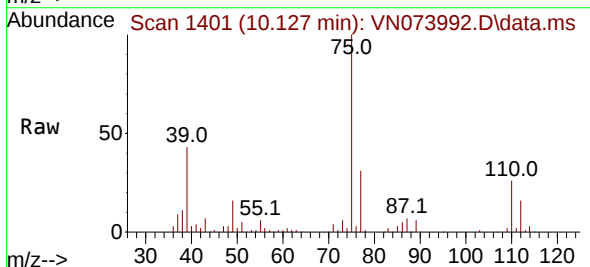
Manual Integrations
 APPROVED

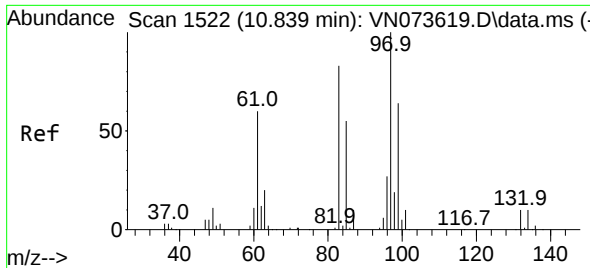
Reviewed By :John Carlone 08/19/2022
 Supervised By :Mahesh Dadoda 08/22/2022



#54
 cis-1,3-Dichloropropene
 Concen: 56.873 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN073992.D
 Acq: 18 Aug 2022 09:30

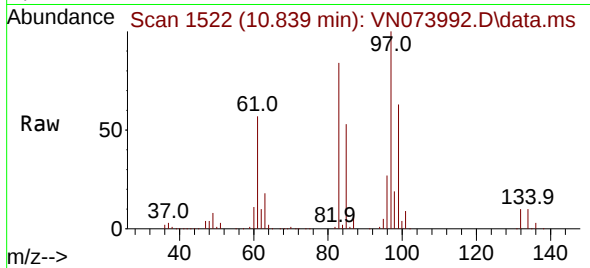
Tgt Ion: 75 Resp: 460242
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.2 37.8
 39 42.7 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 55.957 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

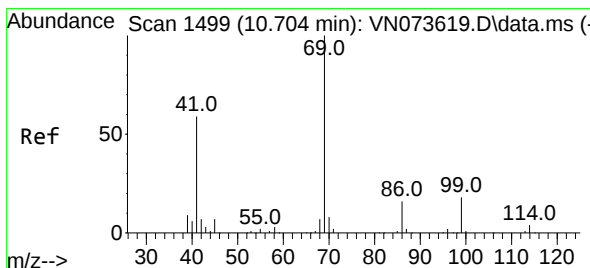
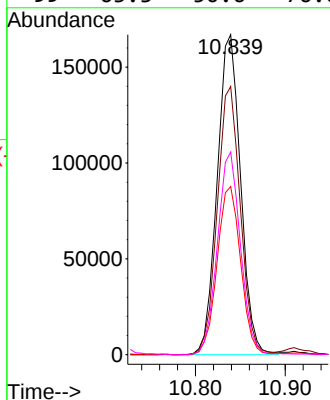
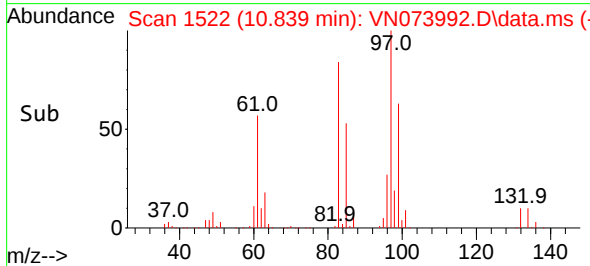
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



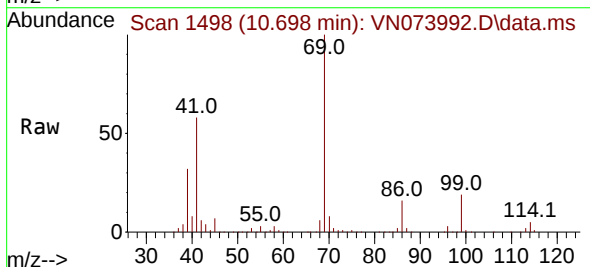
Tgt Ion: 97 Resp: 302044
Ion Ratio Lower Upper
97 100
83 83.8 66.2 99.4
85 52.6 43.9 65.9
99 63.3 50.6 76.0

Manual Integrations
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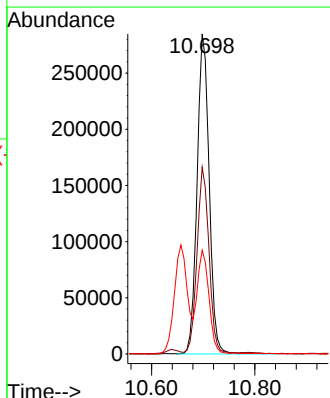
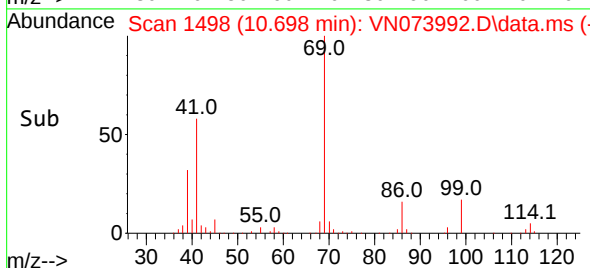
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#56
Ethyl methacrylate
Concen: 60.132 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30



Tgt Ion: 69 Resp: 462938
Ion Ratio Lower Upper
69 100
41 56.9 47.8 71.6
39 30.5 27.3 40.9





#57

1,3-Dichloropropane

Concen: 56.844 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. -0.006 min

Lab File: VN073992.D

Acq: 18 Aug 2022 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 49888

Ion Ratio Lower Upper

76 100

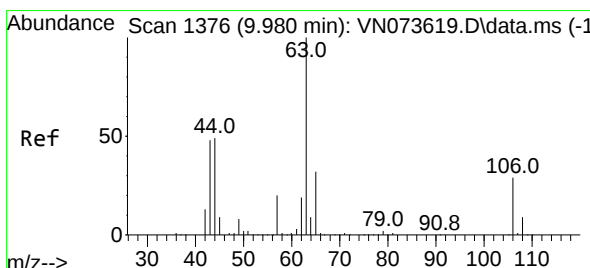
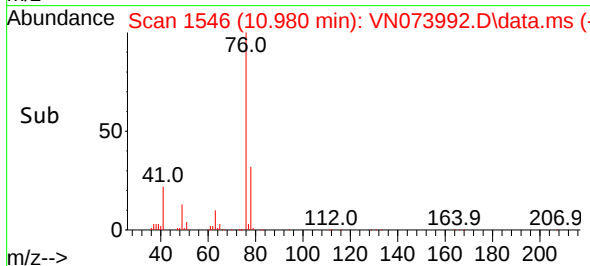
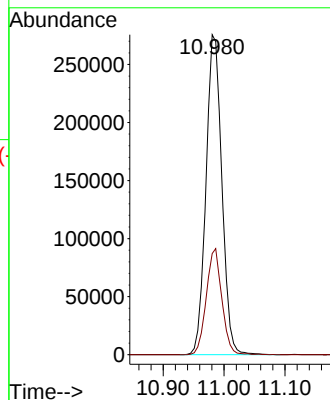
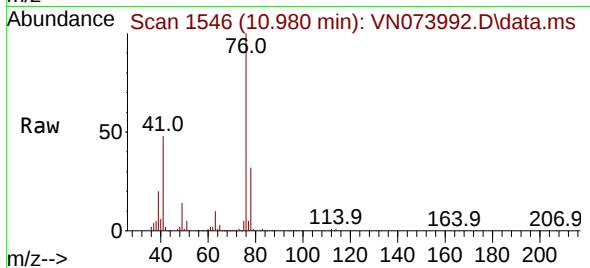
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#58

2-Chloroethyl Vinyl ether

Concen: 295.701 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073992.D

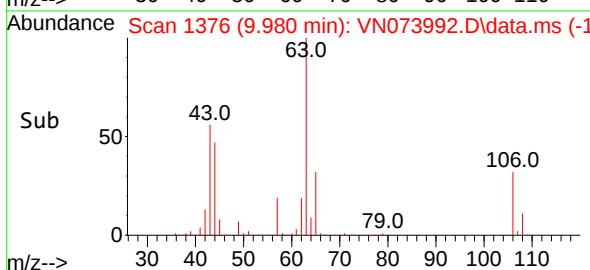
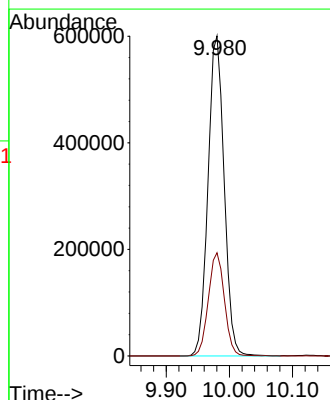
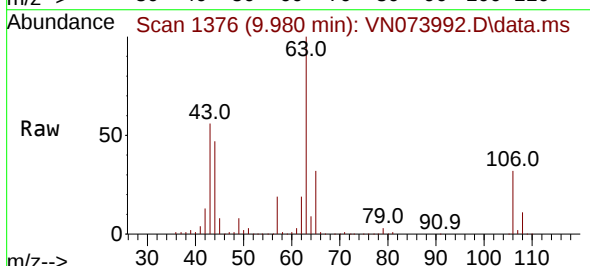
Acq: 18 Aug 2022 09:30

Tgt Ion: 63 Resp: 1062480

Ion Ratio Lower Upper

63 100

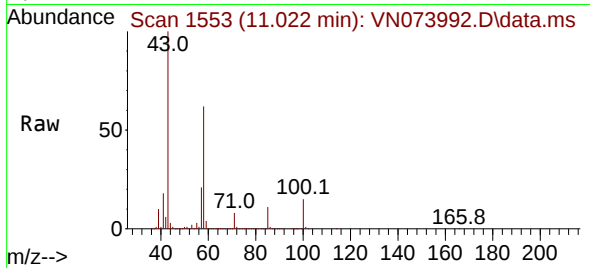
106 32.1 24.6 36.8





#59
2-Hexanone
Concen: 283.347 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.005 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

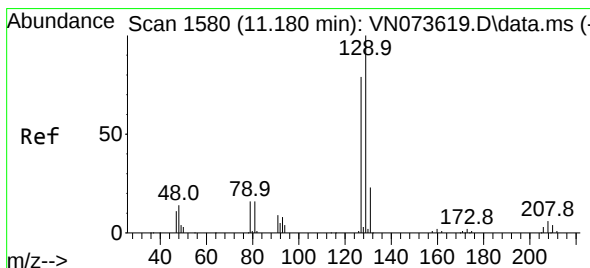
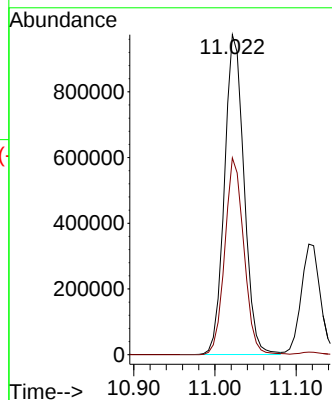
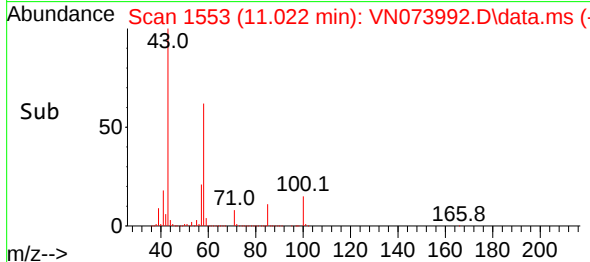
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1631470
Ion Ratio Lower Upper
43 100
58 60.0 29.7 89.1

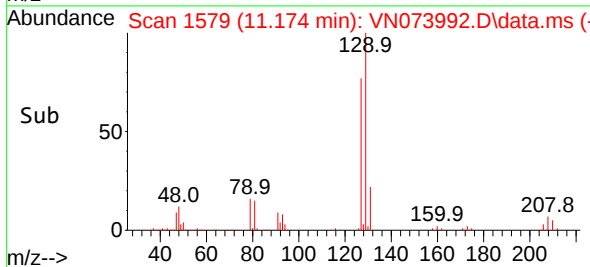
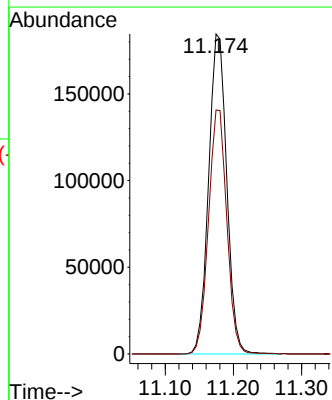
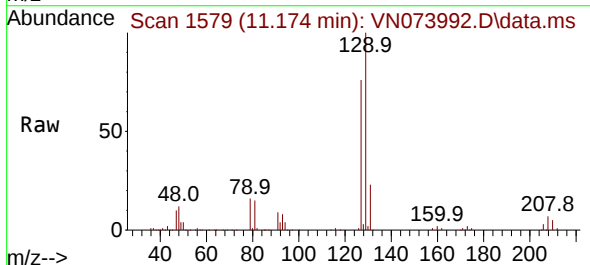
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#60
Dibromochloromethane
Concen: 57.205 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

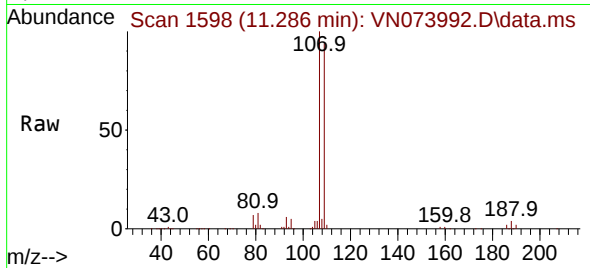
Tgt Ion:129 Resp: 341470
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.136 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

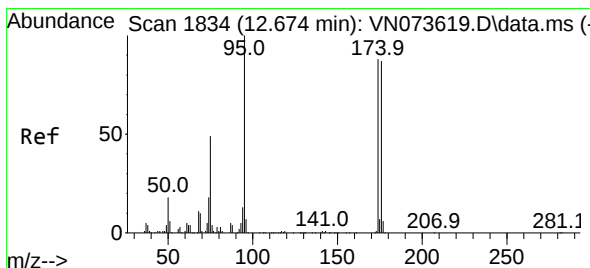
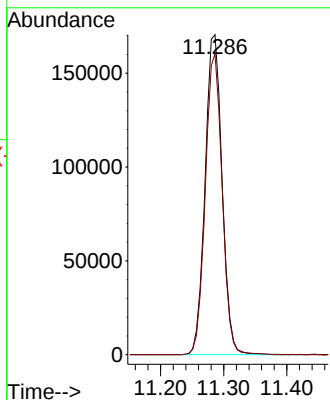
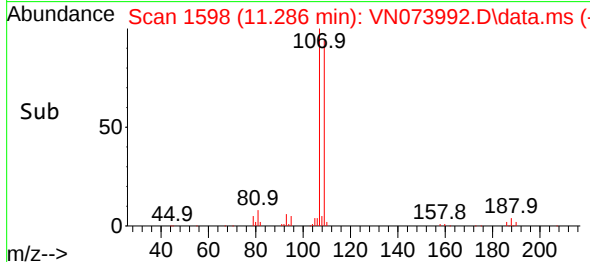
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



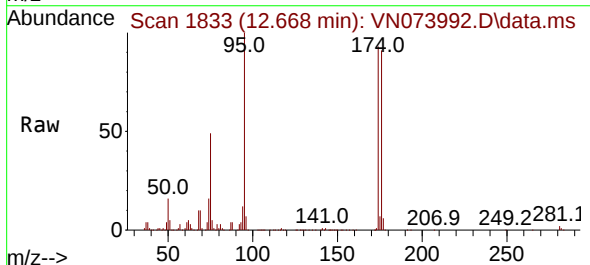
Tgt Ion:107 Resp: 318324
Ion Ratio Lower Upper
107 100
109 93.4 75.0 112.6

Manual Integrations
APPROVED

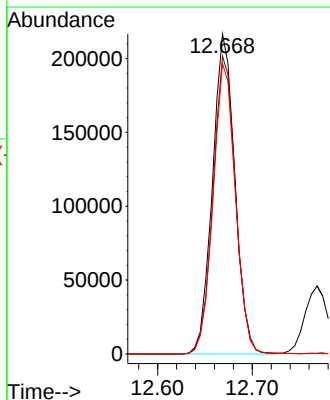
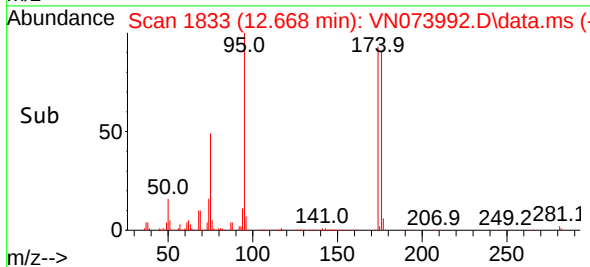
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

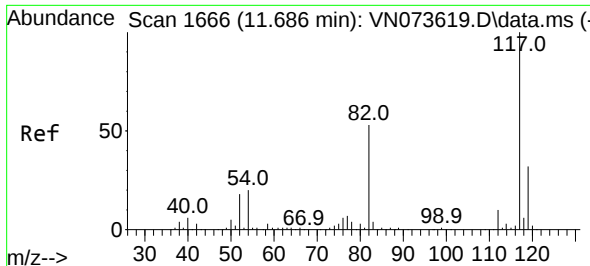


#62
4-Bromofluorobenzene
Concen: 59.851 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30



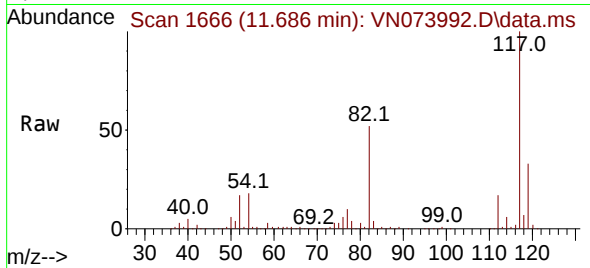
Tgt Ion: 95 Resp: 355121
Ion Ratio Lower Upper
95 100
174 93.6 0.0 167.6
176 90.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

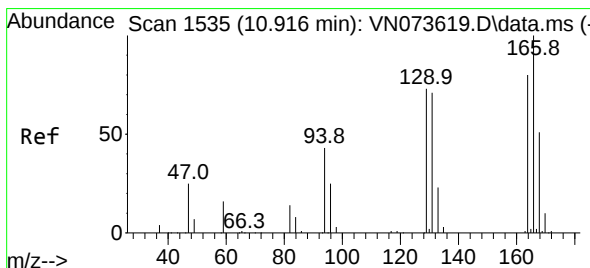
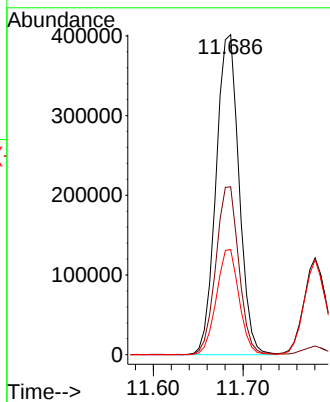
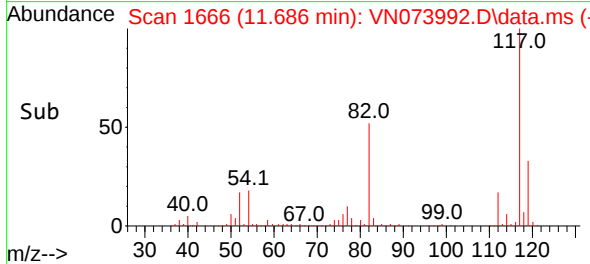
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



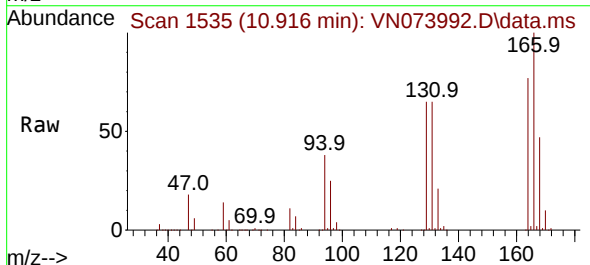
Tgt Ion:117 Resp: 715978
Ion Ratio Lower Upper
117 100
82 52.4 44.2 66.2
119 32.9 25.4 38.0

Manual Integrations
APPROVED

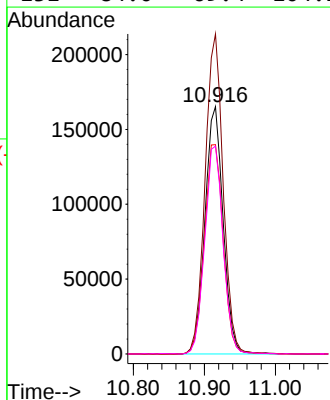
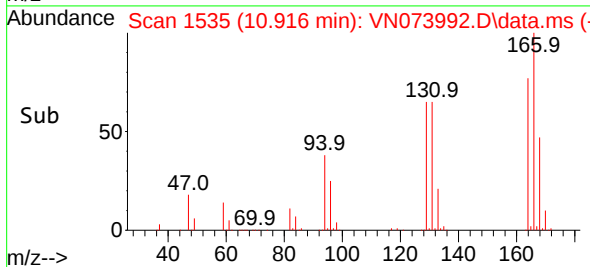
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

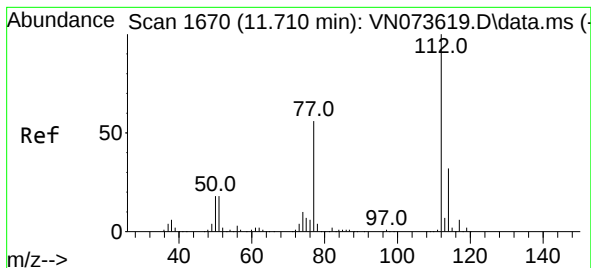


#64
Tetrachloroethene
Concen: 52.122 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30



Tgt Ion:164 Resp: 294543
Ion Ratio Lower Upper
164 100
166 129.4 104.2 156.2
129 84.6 73.9 110.9
131 84.0 69.4 104.2





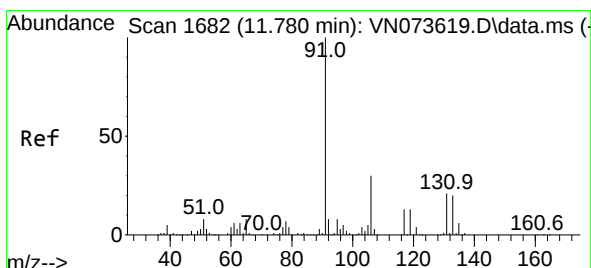
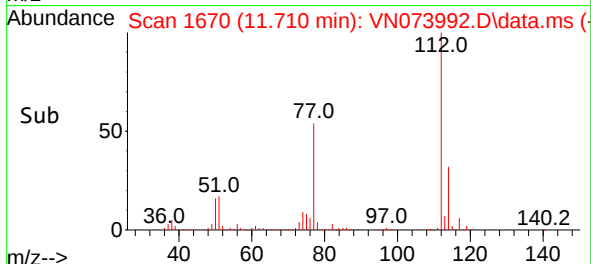
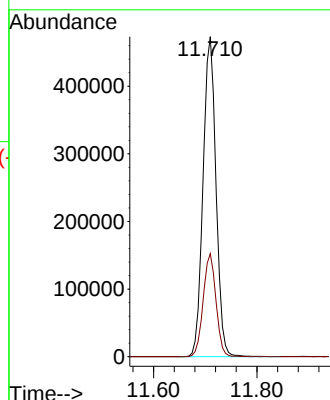
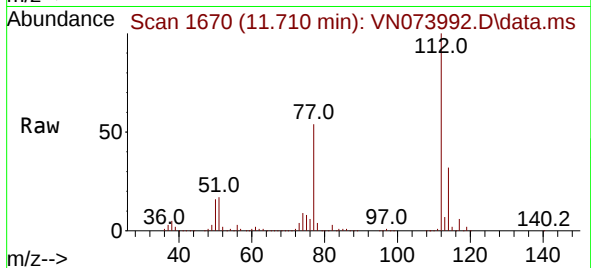
#65
Chlorobenzene
Concen: 53.979 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 821350
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2

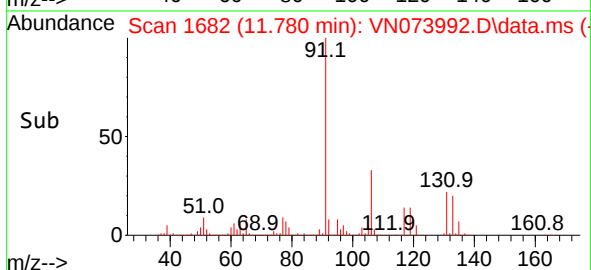
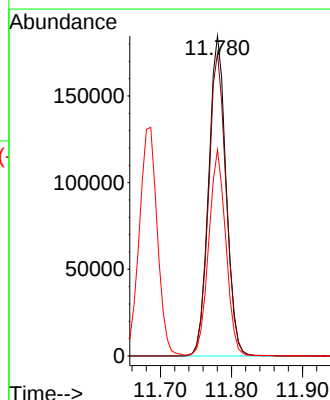
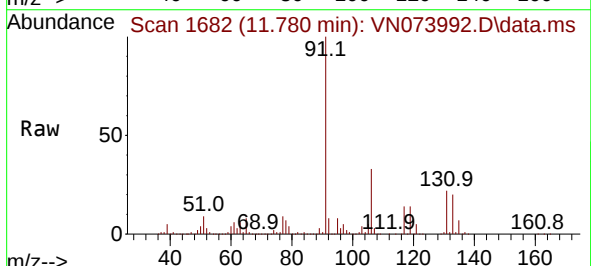
Manual Integrations
APPROVED

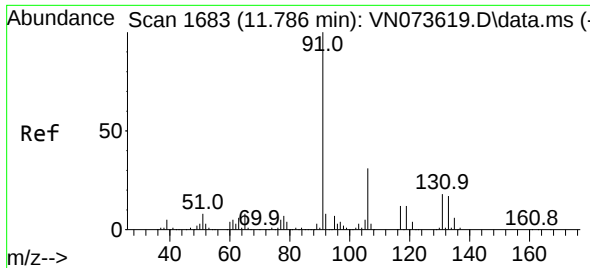
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 54.843 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

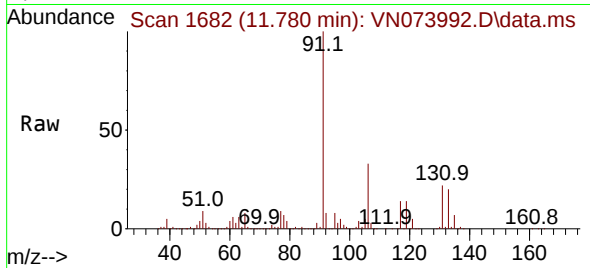
Tgt Ion:131 Resp: 316009
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.4
119 62.7 33.4 100.2





#67
Ethyl Benzene
Concen: 56.109 ug/l
RT: 11.780 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

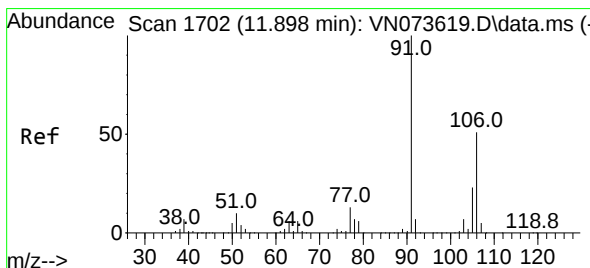
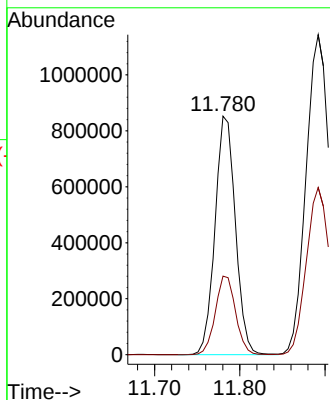
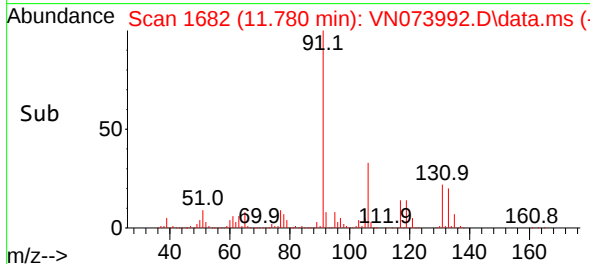
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



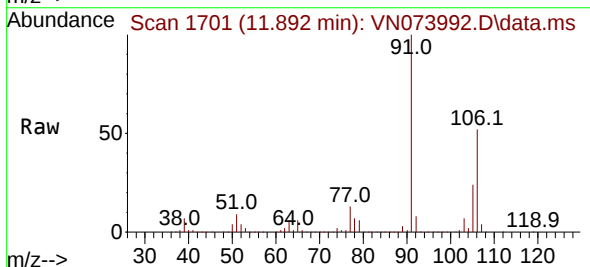
Tgt Ion: 91 Resp: 1419860
Ion Ratio Lower Upper
91 100
106 33.0 24.9 37.3

Manual Integrations
APPROVED

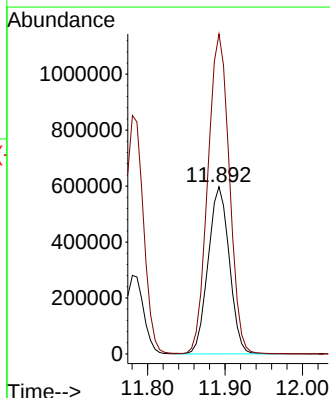
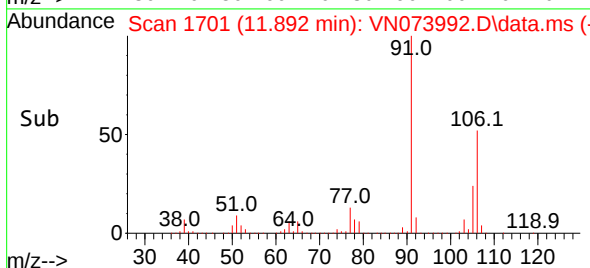
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

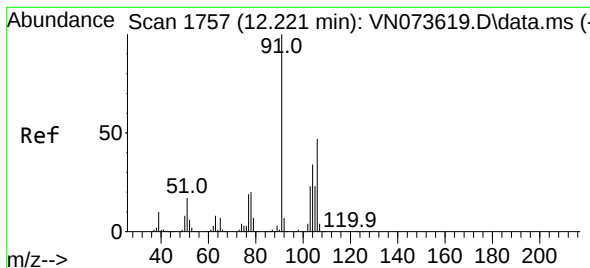


#68
m/p-Xylenes
Concen: 110.173 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30



Tgt Ion:106 Resp: 1132774
Ion Ratio Lower Upper
106 100
91 194.8 158.9 238.3





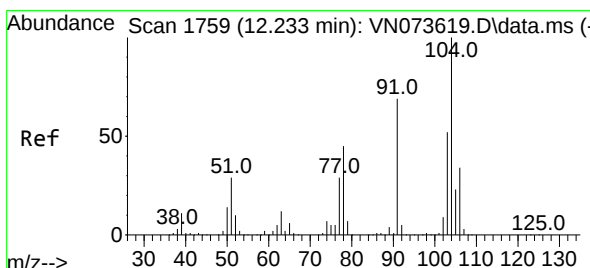
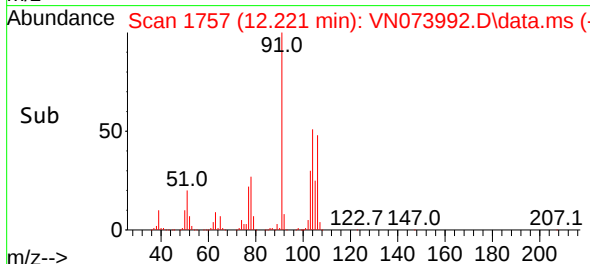
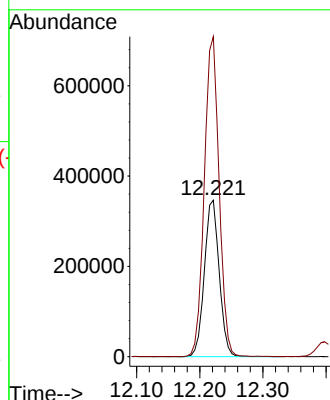
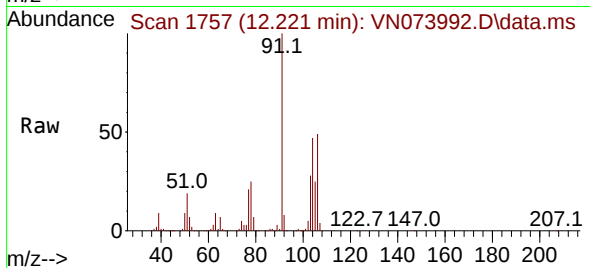
#69
o-Xylene
Concen: 54.883 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 56588
Ion Ratio Lower Upper
106 100
91 204.1 106.0 318.0

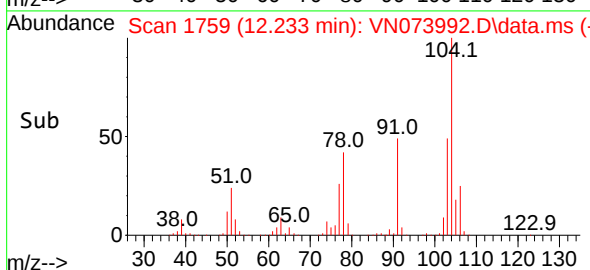
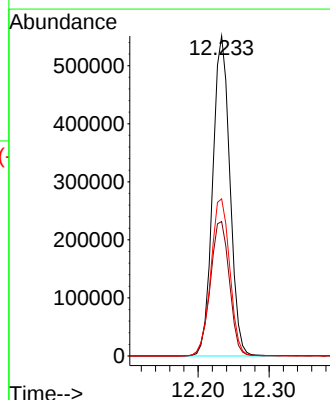
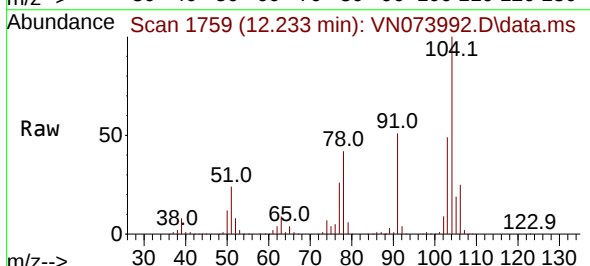
Manual Integrations
APPROVED

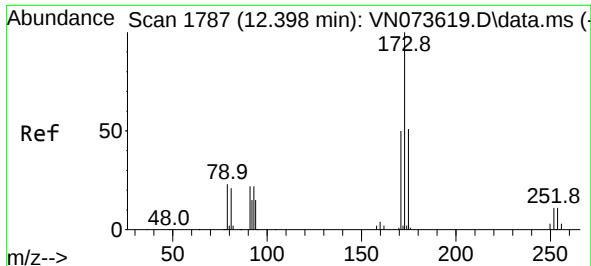
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#70
Styrene
Concen: 57.354 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

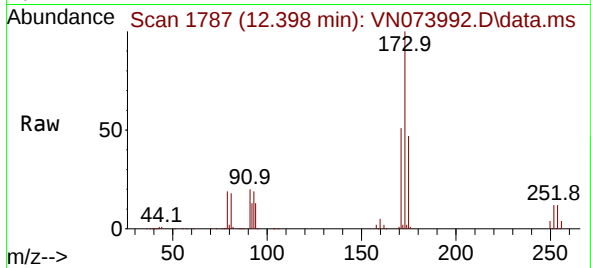
Tgt Ion:104 Resp: 925819
Ion Ratio Lower Upper
104 100
78 46.6 39.5 59.3
103 54.1 44.0 66.0





#71
Bromoform
Concen: 53.475 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

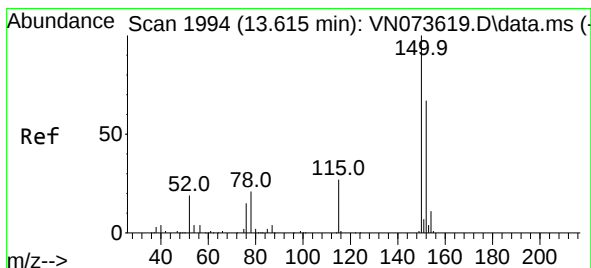
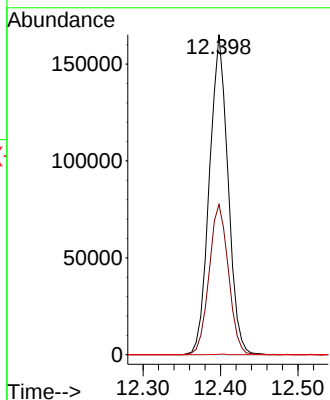
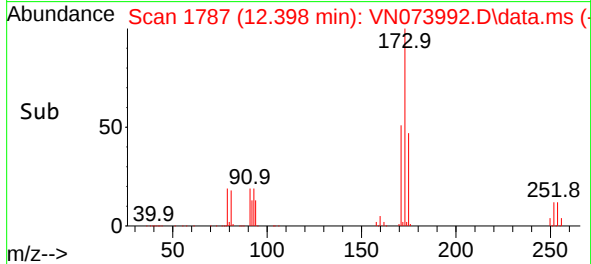
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 275099
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.6
254 0.1 0.1 0.1

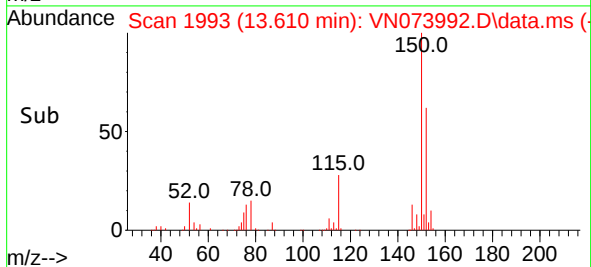
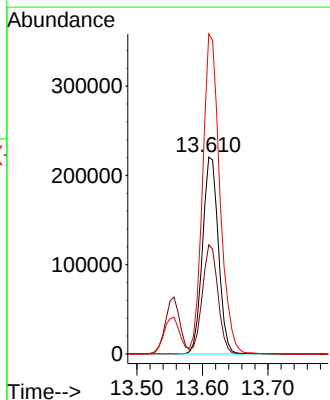
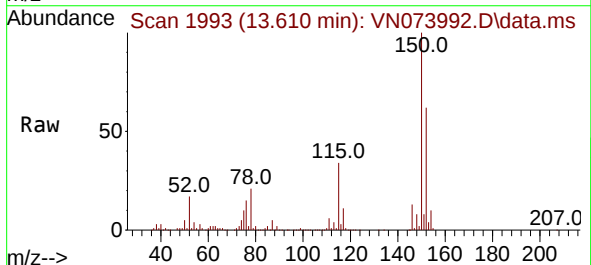
Manual Integrations
APPROVED

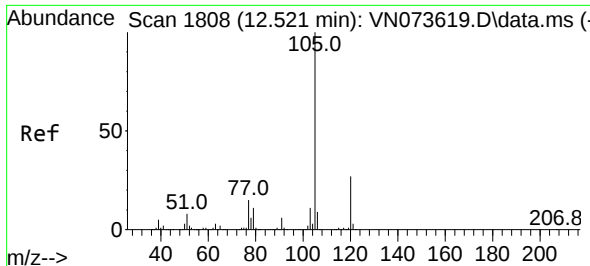
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.005 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

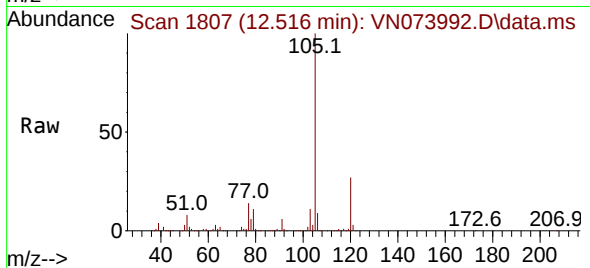
Tgt Ion:152 Resp: 372587
Ion Ratio Lower Upper
152 100
115 54.1 28.9 86.7
150 175.7 0.0 356.2





#73
Isopropylbenzene
Concen: 53.710 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.005 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

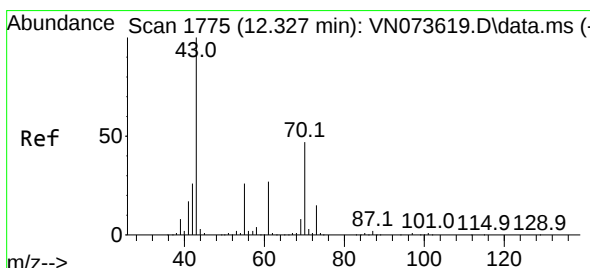
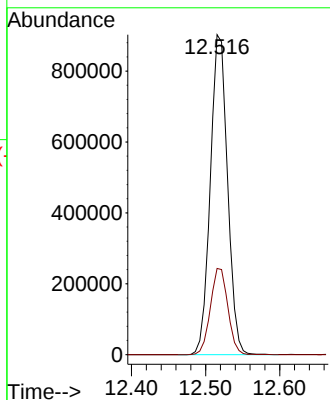
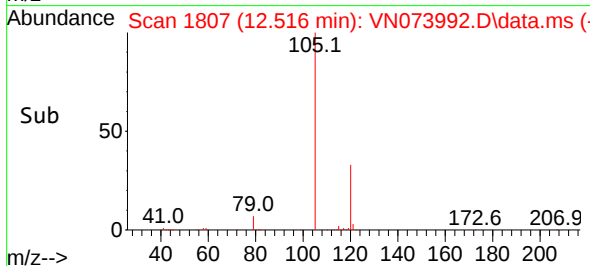
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 145718
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4

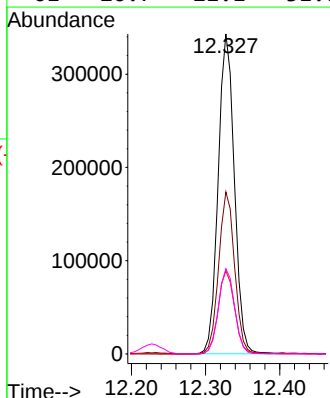
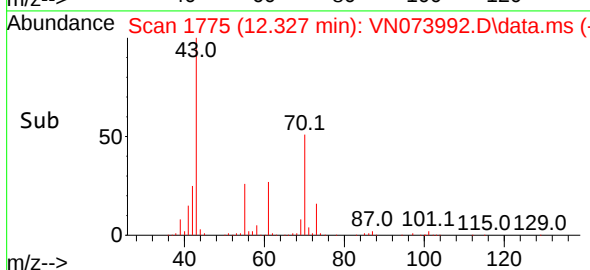
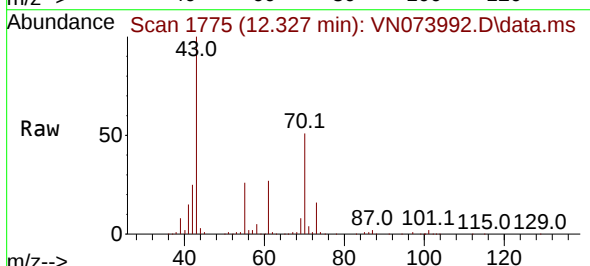
Manual Integrations
APPROVED

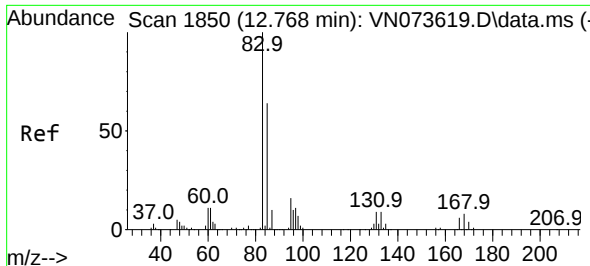
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#74
N-ethyl acetate
Concen: 50.677 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

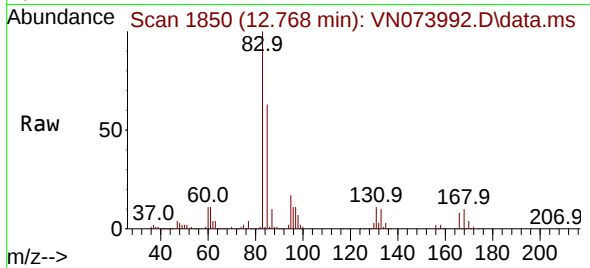
Tgt Ion: 43 Resp: 519765
Ion Ratio Lower Upper
43 100
70 50.3 39.0 58.4
55 26.5 21.1 31.7
61 26.7 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.187 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

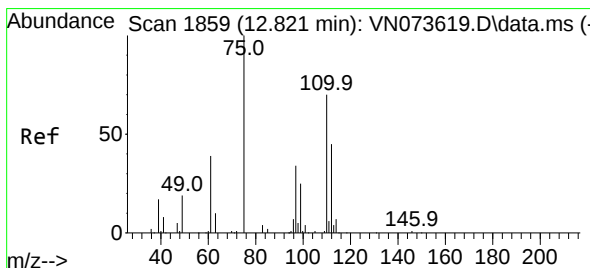
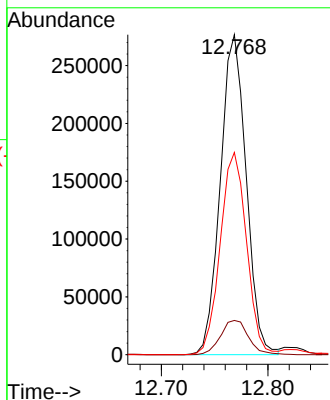
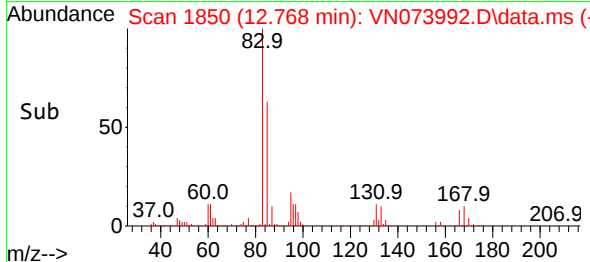
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 466020
Ion Ratio Lower Upper
83 100
131 11.6 5.3 15.9
85 64.3 32.3 96.9

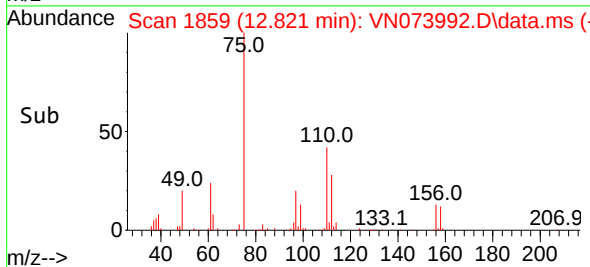
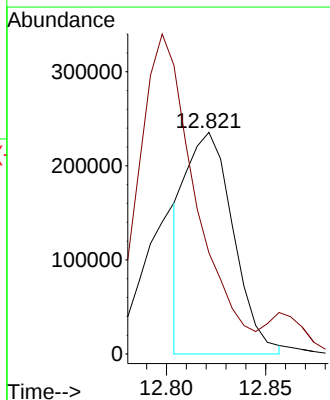
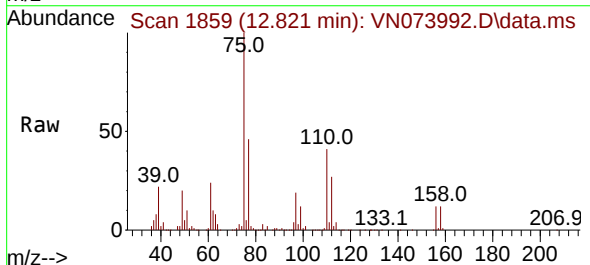
Manual Integrations
APPROVED

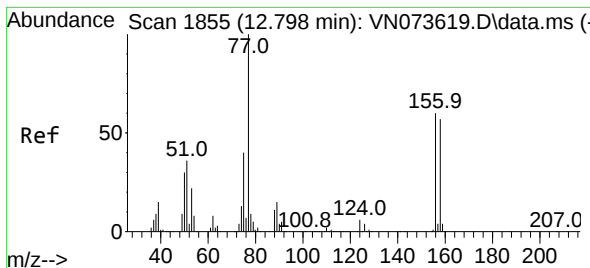
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#76
1,2,3-Trichloropropane
Concen: 50.856 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Tgt Ion: 75 Resp: 393840
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77

Bromobenzene

Concen: 50.677 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VN073992.D

Acq: 18 Aug 2022 09:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

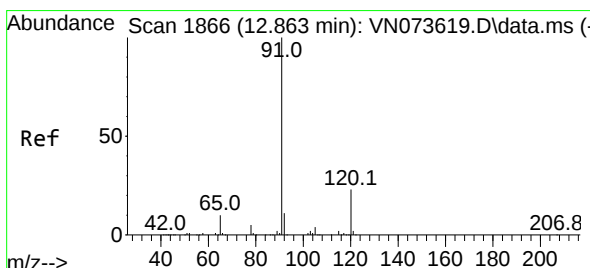
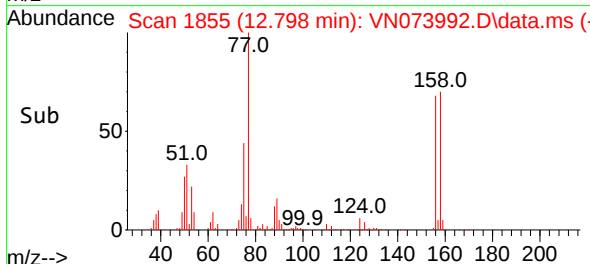
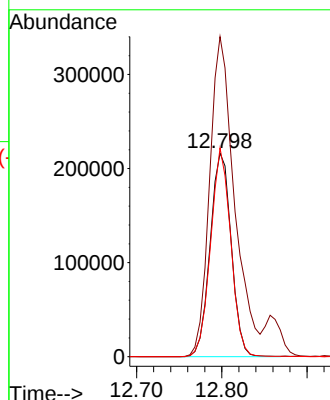
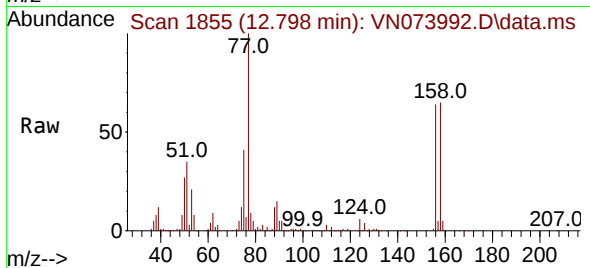
Tgt Ion:	156	Resp:	372152
Ion Ratio	Lower	Upper	
156	100		
77	185.1	100.5	301.5
158	97.8	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#78

n-propylbenzene

Concen: 55.952 ug/l

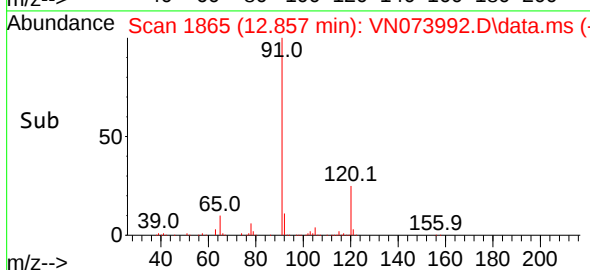
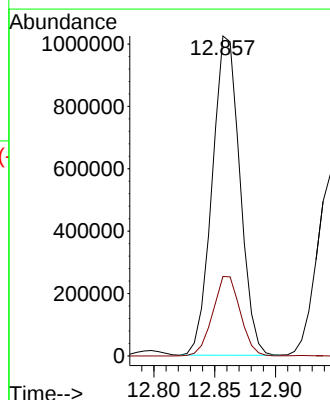
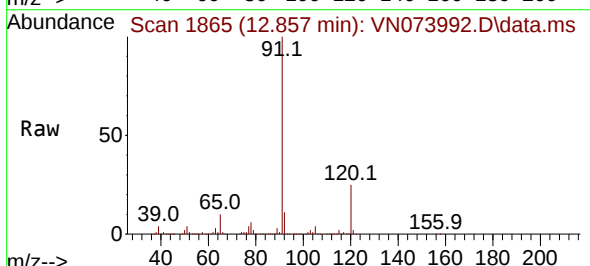
RT: 12.857 min Scan# 1865

Delta R.T. -0.006 min

Lab File: VN073992.D

Acq: 18 Aug 2022 09:30

Tgt Ion:	91	Resp:	1618117
Ion Ratio	Lower	Upper	
91	100		
120	24.8	11.9	35.5





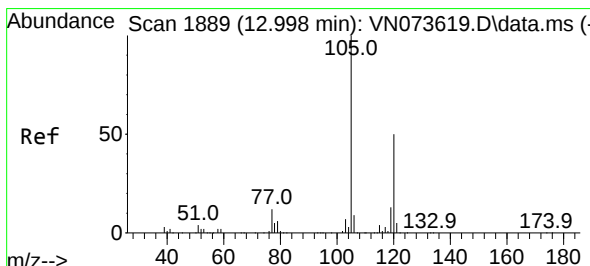
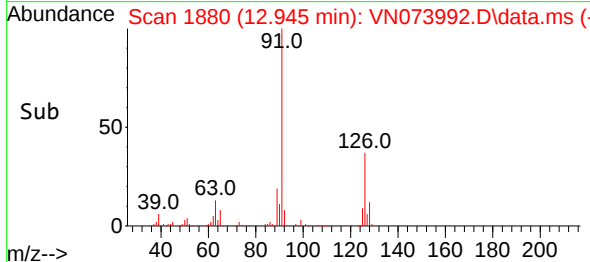
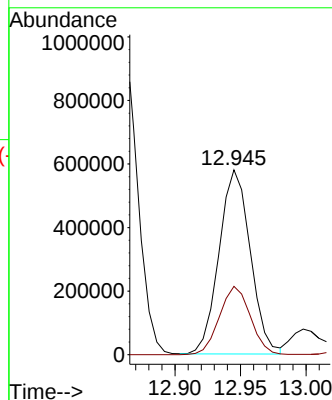
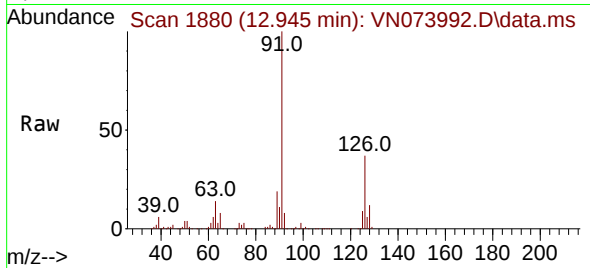
#79
2-Chlorotoluene
Concen: 53.517 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 96449
Ion Ratio Lower Upper
91 100
126 36.6 17.3 51.9

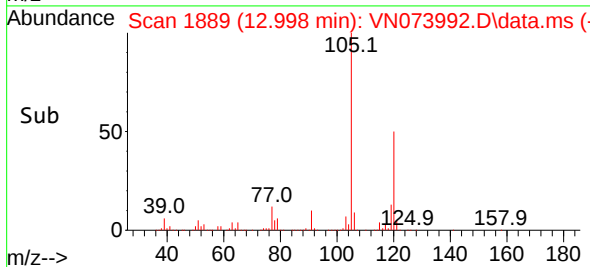
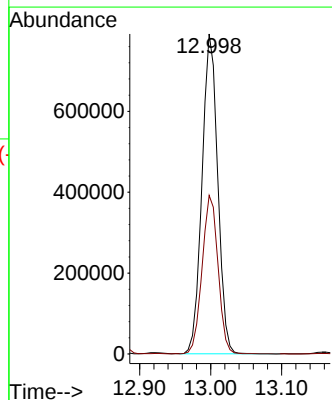
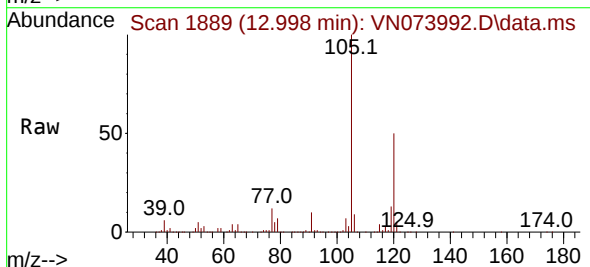
Manual Integrations
APPROVED

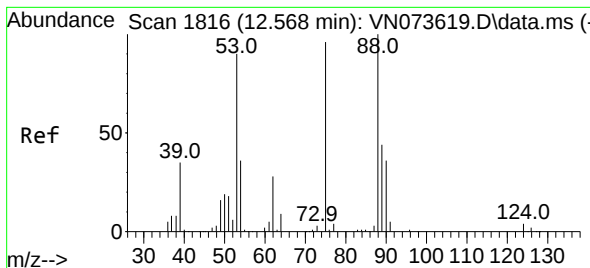
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 55.254 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Tgt Ion:105 Resp: 1219316
Ion Ratio Lower Upper
105 100
120 50.4 24.9 74.7





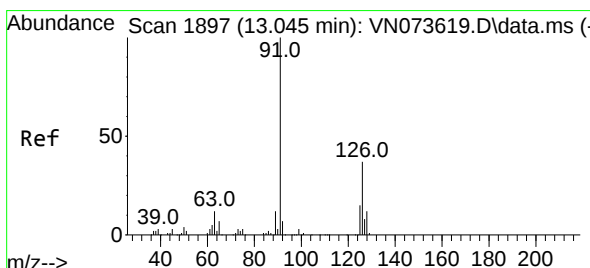
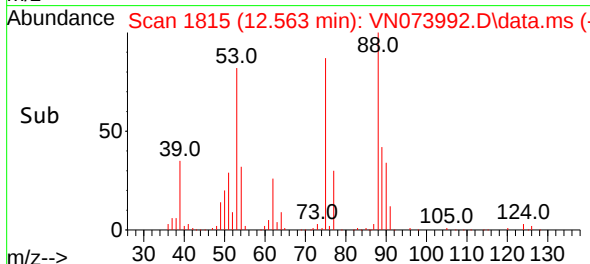
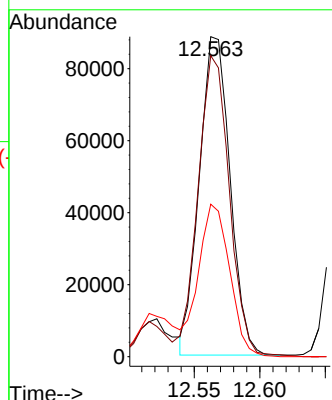
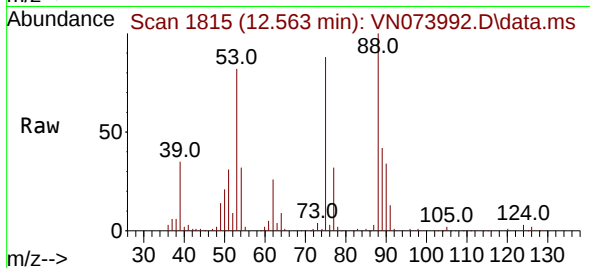
#81
trans-1,4-Dichloro-2-butene
Concen: 52.959 ug/l
RT: 12.563 min Scan# 1816
Delta R.T. -0.005 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 144198
Ion Ratio Lower Upper
75 100
53 97.2 78.0 117.0
89 49.0 37.2 55.8

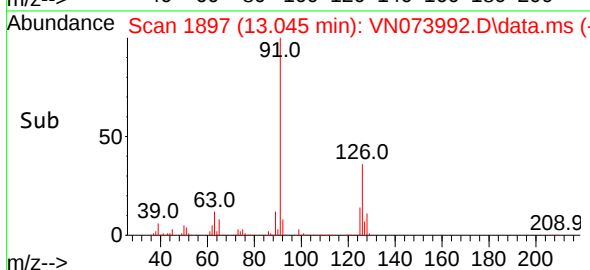
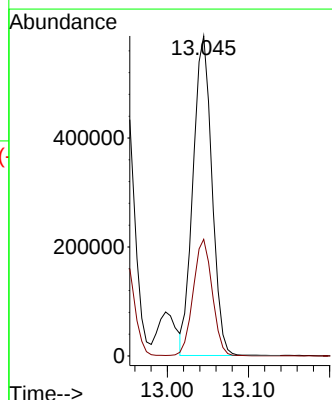
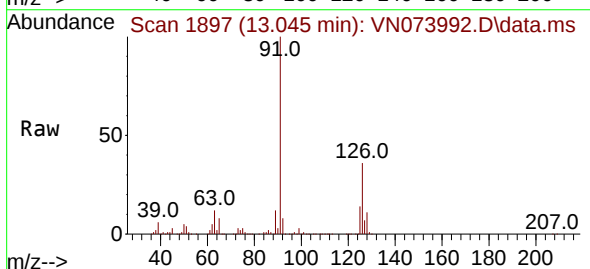
Manual Integrations
APPROVED

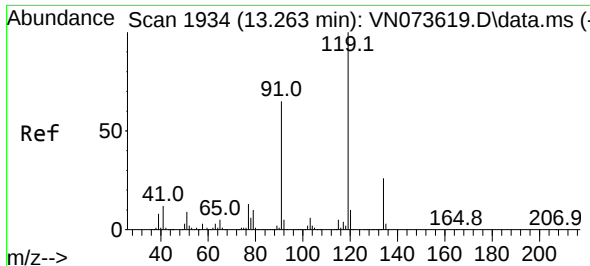
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#82
4-Chlorotoluene
Concen: 55.255 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

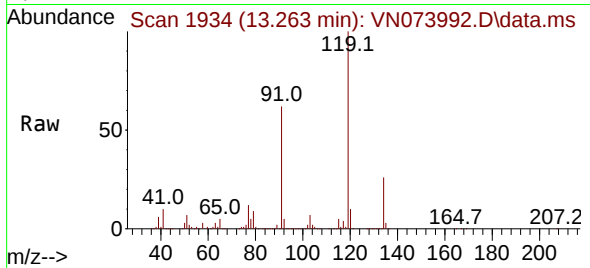
Tgt Ion: 91 Resp: 945805
Ion Ratio Lower Upper
91 100
126 37.0 17.2 51.6





#83
tert-Butylbenzene
Concen: 54.061 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

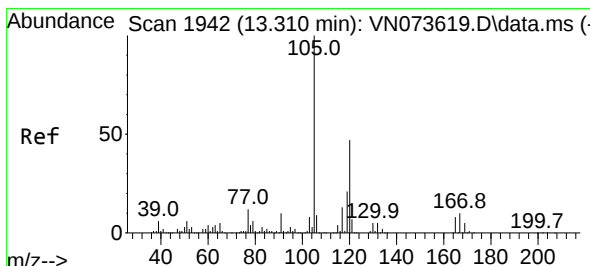
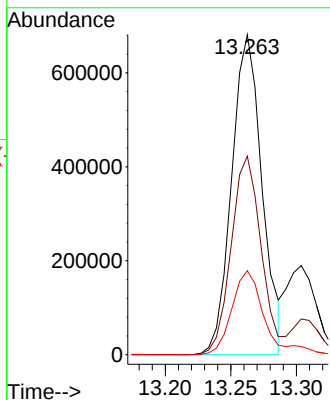
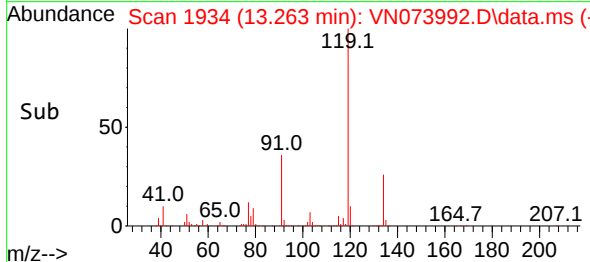
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



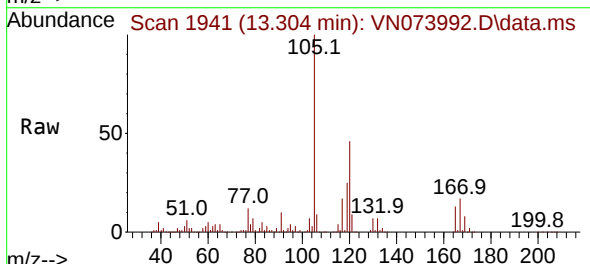
Tgt Ion:119 Resp: 1097819
Ion Ratio Lower Upper
119 100
91 61.8 31.6 94.8
134 28.1 13.7 41.1

Manual Integrations
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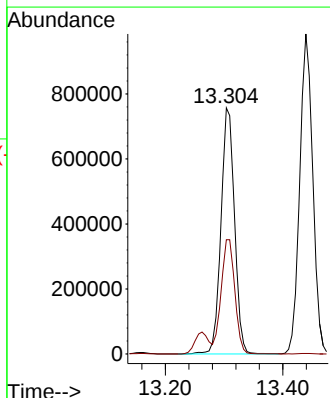
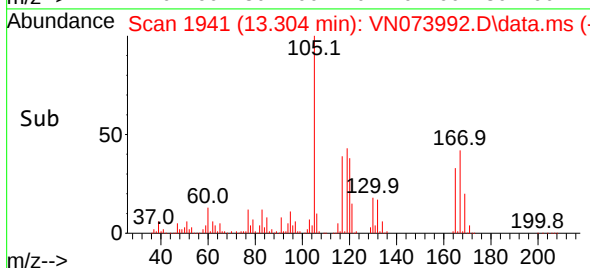
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#84
1,2,4-Trimethylbenzene
Concen: 55.039 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30



Tgt Ion:105 Resp: 1212899
Ion Ratio Lower Upper
105 100
120 46.9 23.3 69.8





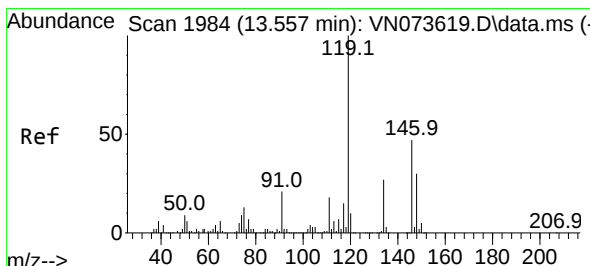
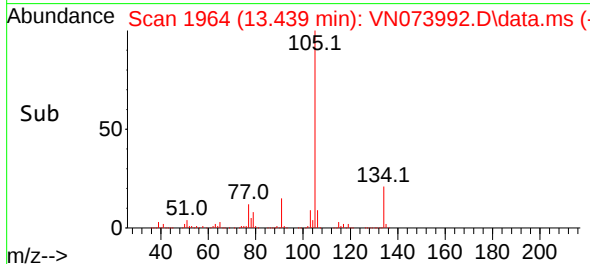
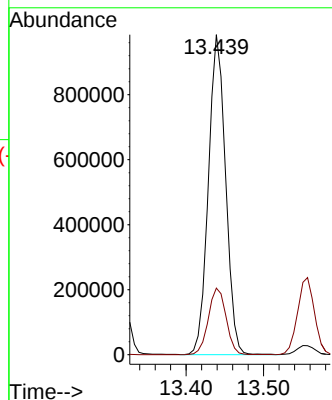
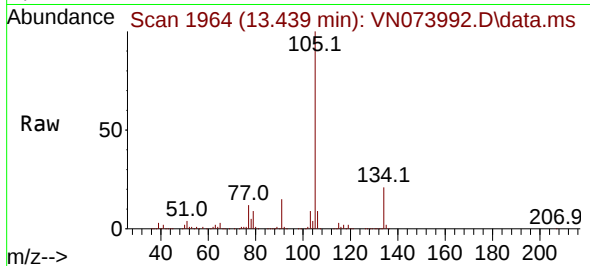
#85
 sec-Butylbenzene
 Concen: 57.679 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073992.D
 Acq: 18 Aug 2022 09:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 151828
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.4 31.1

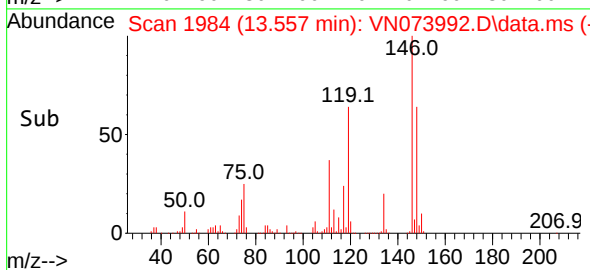
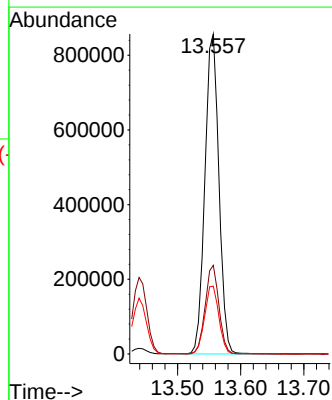
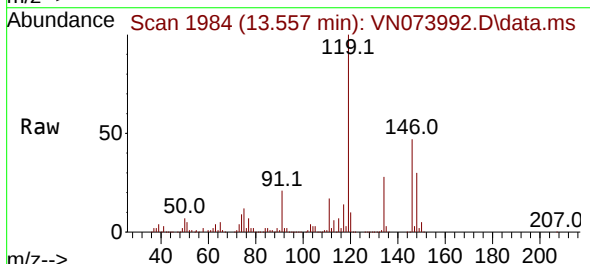
Manual Integrations
 APPROVED

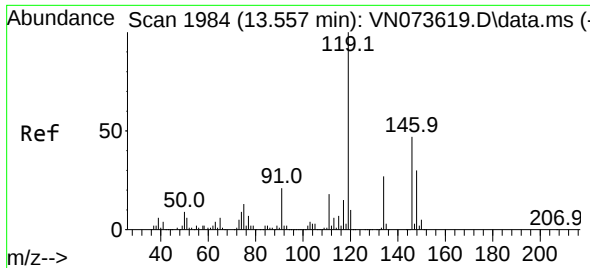
Reviewed By :John Carlone 08/19/2022
 Supervised By :Mahesh Dadoda 08/22/2022



#86
 p-Isopropyltoluene
 Concen: 58.901 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073992.D
 Acq: 18 Aug 2022 09:30

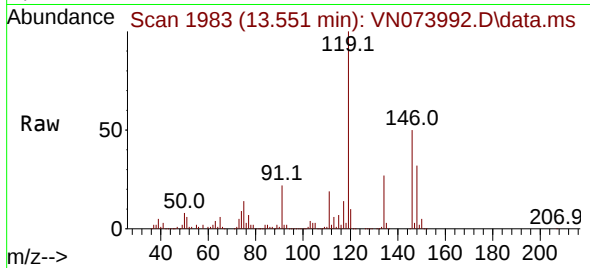
Tgt Ion:119 Resp: 1320838
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 21.5 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 54.010 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

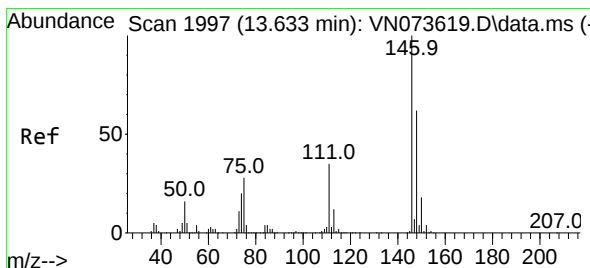
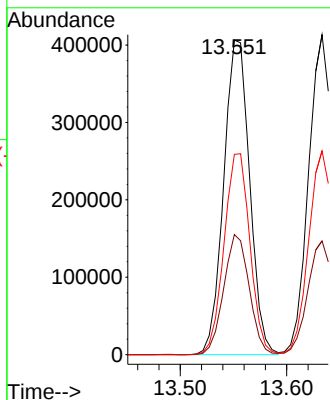
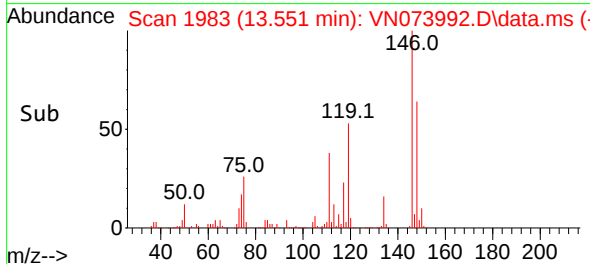
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



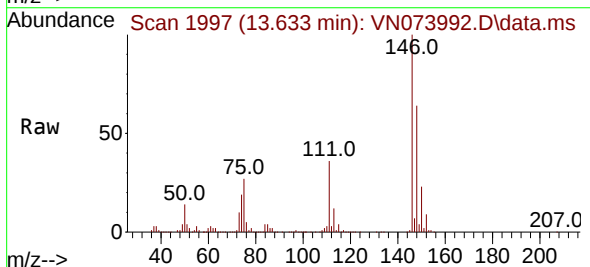
Tgt Ion:146 Resp: 687832
Ion Ratio Lower Upper
146 100
111 37.5 20.0 60.0
148 63.7 32.0 96.0

Manual Integrations
APPROVED

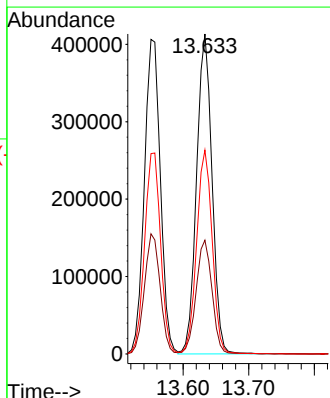
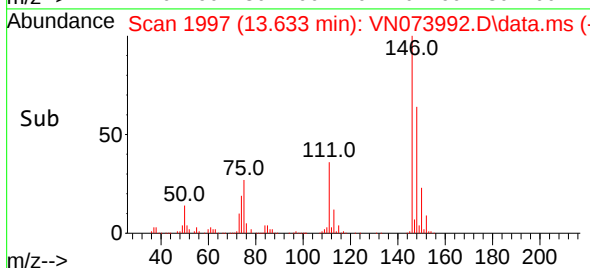
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

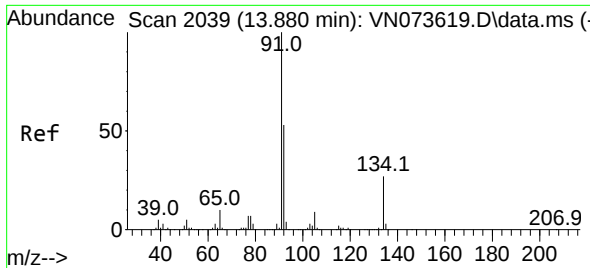


#88
1,4-Dichlorobenzene
Concen: 52.604 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30



Tgt Ion:146 Resp: 678936
Ion Ratio Lower Upper
146 100
111 36.7 19.1 57.1
148 63.8 31.4 94.3





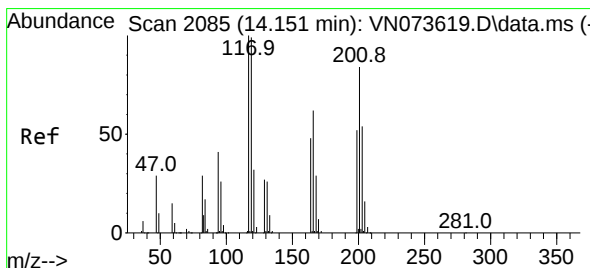
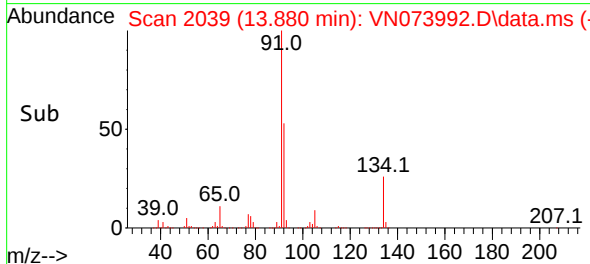
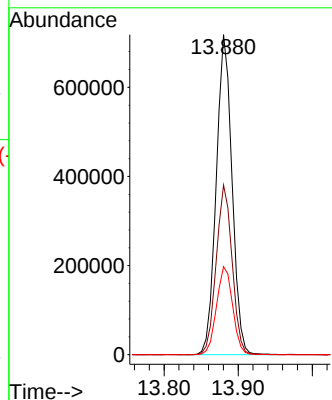
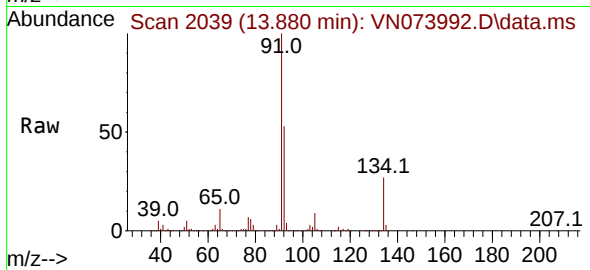
#89
n-Butylbenzene
Concen: 59.811 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 106235
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.7
134 28.1 13.6 40.8

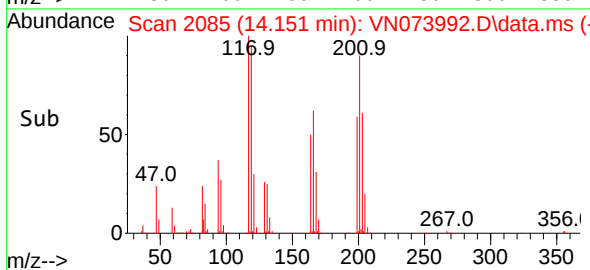
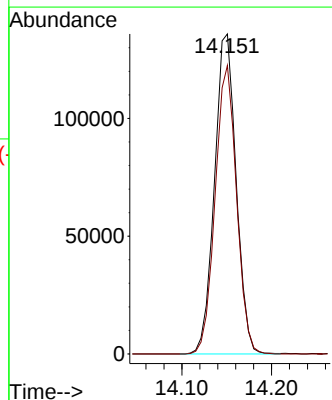
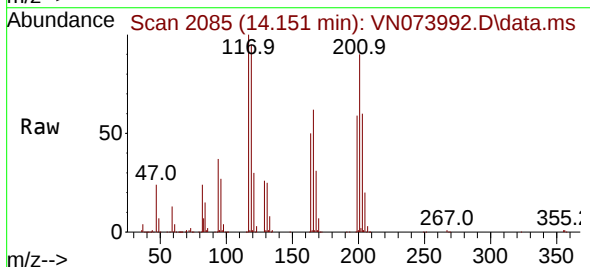
Manual Integrations
APPROVED

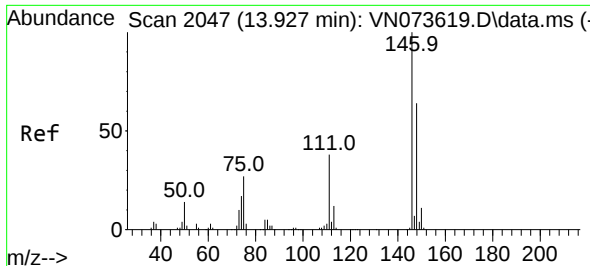
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#90
Hexachloroethane
Concen: 55.559 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Tgt Ion:117 Resp: 227737
Ion Ratio Lower Upper
117 100
201 88.9 40.6 122.0





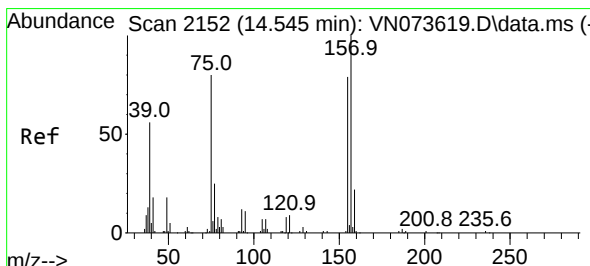
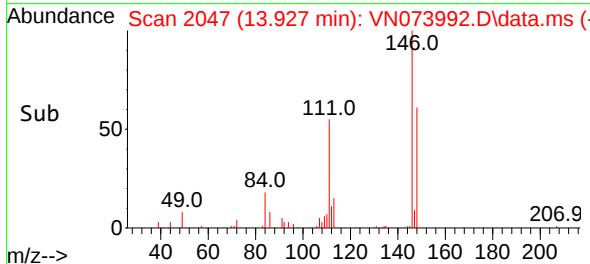
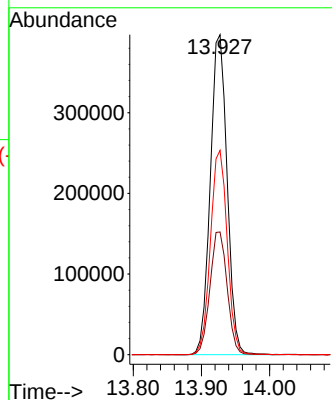
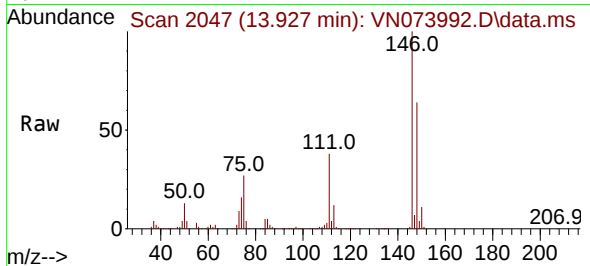
#91
1,2-Dichlorobenzene
Concen: 51.799 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 681220
Ion Ratio Lower Upper
146 100
111 39.3 20.9 62.8
148 63.9 32.1 96.3

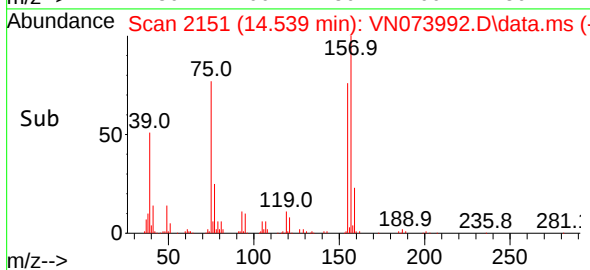
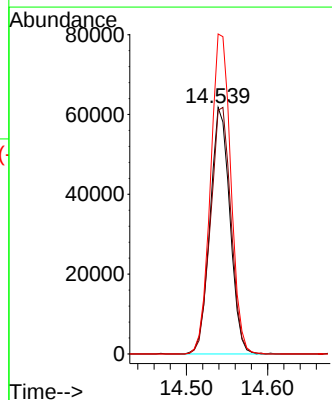
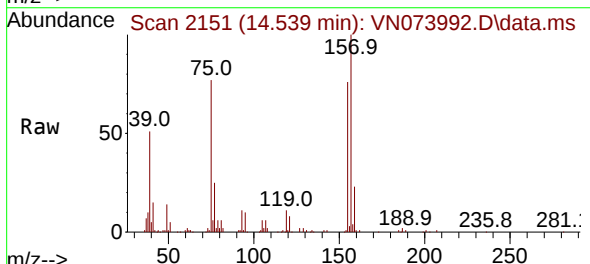
Manual Integrations
APPROVED

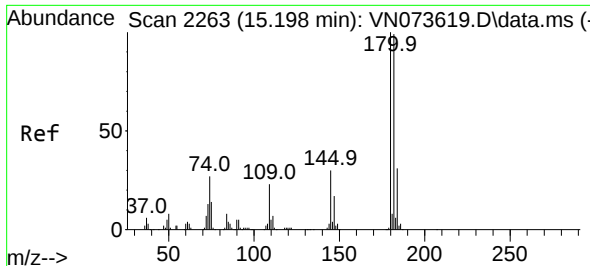
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.859 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

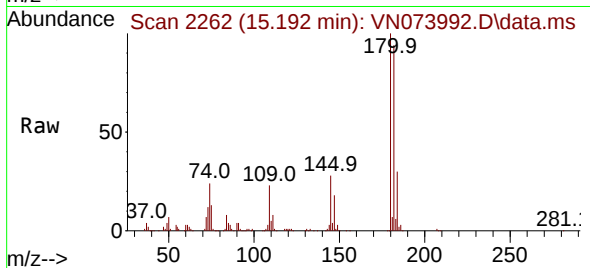
Tgt Ion: 75 Resp: 105030
Ion Ratio Lower Upper
75 100
155 102.3 44.9 134.5
157 132.4 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 54.891 ug/l
RT: 15.192 min Scan# 2262
Delta R.T. -0.006 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

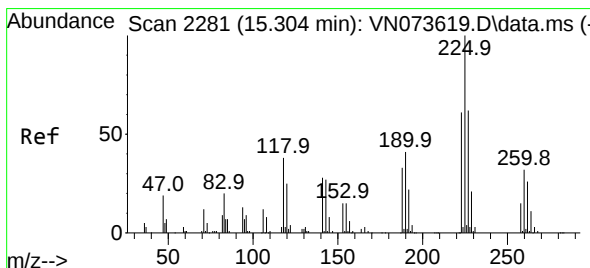
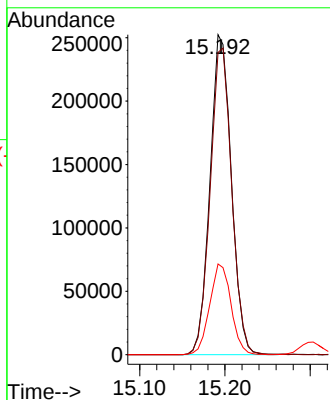
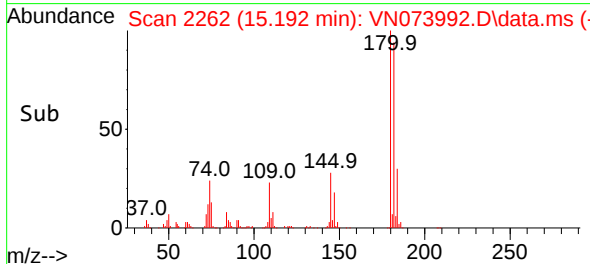
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



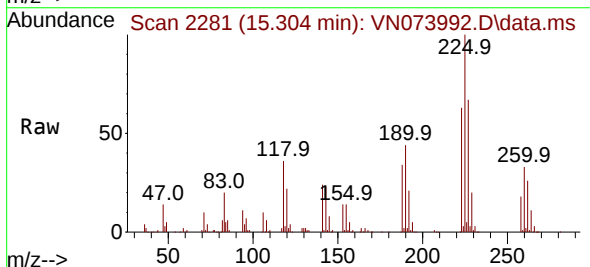
Tgt Ion:180 Resp: 439358
Ion Ratio Lower Upper
180 100
182 96.7 47.5 142.5
145 28.3 14.5 43.5

Manual Integrations
APPROVED

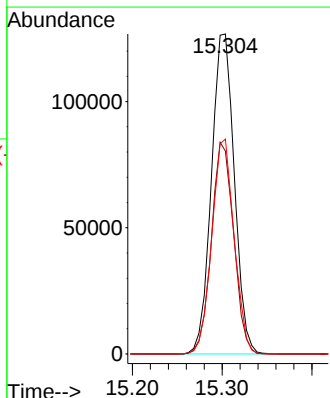
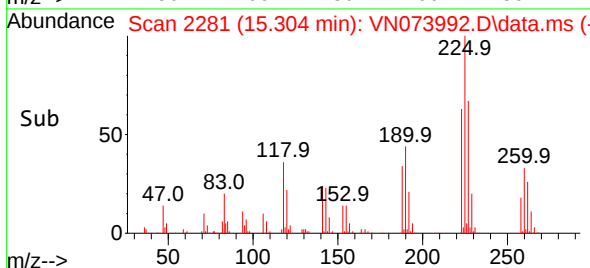
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

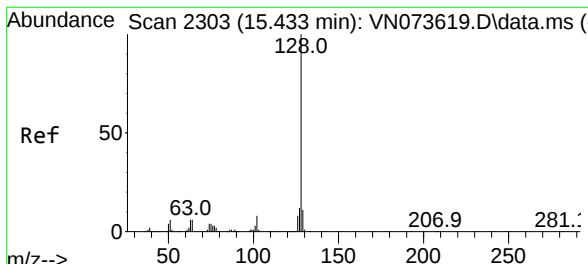


#94
Hexachlorobutadiene
Concen: 53.260 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30



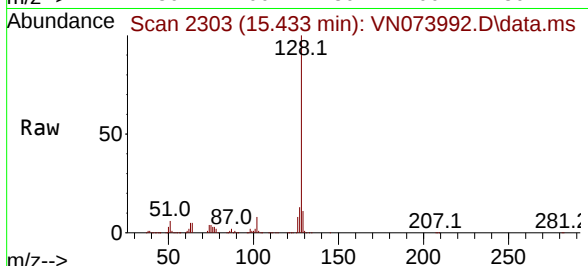
Tgt Ion:225 Resp: 224719
Ion Ratio Lower Upper
225 100
223 64.1 32.4 97.2
227 65.4 31.8 95.4





#95
Naphthalene
Concen: 53.608 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

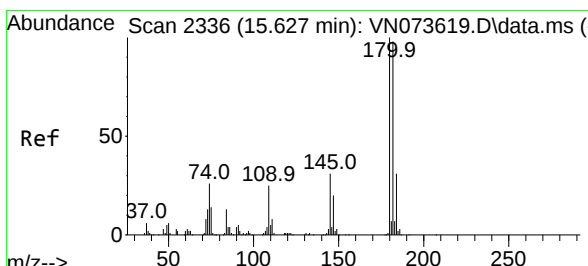
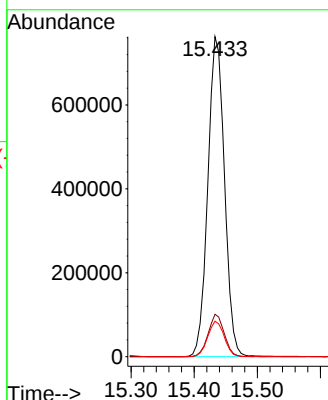
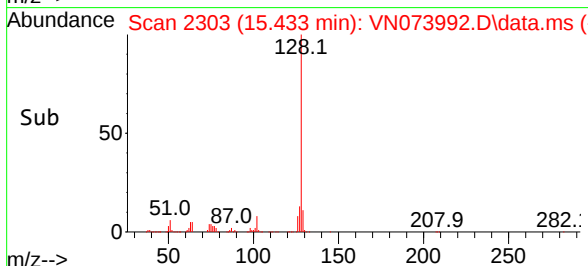
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 1398879
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 54.127 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073992.D
Acq: 18 Aug 2022 09:30

Tgt Ion:180 Resp: 447802
Ion Ratio Lower Upper
180 100
182 95.7 47.8 143.3
145 29.9 15.5 46.5

