

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102022\
 Data File : VN074943.D
 Acq On : 20 Oct 2022 15:40
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2022
 Supervised By : Mahesh Dadoda 10/21/2022

Quant Time: Oct 21 03:05:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 03:02:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	461059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	827400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	923685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	669285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	575307	51.937	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.880%			
35) Dibromofluoromethane	8.171	113	459863	50.855	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.720%			
50) Toluene-d8	10.571	98	1819051	50.200	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.400%			
62) 4-Bromofluorobenzene	12.847	95	662268	63.570	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 127.140%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	304784	39.534	ug/l	100
3) Chloromethane	2.377	50	371412	33.045	ug/l	100
4) Vinyl Chloride	2.524	62	555874	31.338	ug/l	100
5) Bromomethane	2.924	94	446667	25.938	ug/l	100
6) Chloroethane	3.106	64	427844	26.488	ug/l	100
7) Trichlorofluoromethane	3.495	101	574604	46.598	ug/l	100
8) Diethyl Ether	3.971	74	233360	42.677	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	342915	45.708	ug/l	100
10) Methyl Iodide	4.595	142	484200	46.479	ug/l	100
11) Tert butyl alcohol	5.536	59	605356	234.043	ug/l	100
12) 1,1-Dichloroethene	4.347	96	308761	42.408	ug/l	100
13) Acrolein	4.189	56	307058	180.859	ug/l	100
14) Allyl chloride	5.036	41	510196m	38.319	ug/l	
15) Acrylonitrile	5.736	53	1254476	209.052	ug/l	100
16) Acetone	4.442	43	1076824	209.390	ug/l	100
17) Carbon Disulfide	4.718	76	636082	39.873	ug/l	100
18) Methyl Acetate	5.042	43	690292	37.871	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	1411442	50.054	ug/l	100
20) Methylene Chloride	5.289	84	403765	38.833	ug/l	100
21) trans-1,2-Dichloroethene	5.794	96	350136	43.997	ug/l	100
22) Diisopropyl ether	6.683	45	1199174	42.168	ug/l	100
23) Vinyl Acetate	6.612	43	4939329m	216.222	ug/l	
24) 1,1-Dichloroethane	6.577	63	735585	44.214	ug/l	100
25) 2-Butanone	7.488	43	1724176	206.095	ug/l	100
26) 2,2-Dichloropropane	7.506	77	710558	53.771	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	472206	46.670	ug/l	100
28) Bromochloromethane	7.818	49	327914	43.926	ug/l	100
29) Tetrahydrofuran	7.847	42	1092165	194.301	ug/l	100
30) Chloroform	7.971	83	827716	48.270	ug/l	100
31) Cyclohexane	8.265	56	554075	40.681	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	749297	51.568	ug/l	100
36) 1,1-Dichloropropene	8.371	75	543331	44.019	ug/l	100
37) Ethyl Acetate	7.565	43	643957	38.871	ug/l	100
38) Carbon Tetrachloride	8.365	117	621079	50.578	ug/l	100
39) Methylcyclohexane	9.600	83	674384	48.024	ug/l	100
40) Benzene	8.612	78	1727189	43.654	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	334774	38.444	ug/l	100
42) 1,2-Dichloroethane	8.677	62	642178	48.480	ug/l	100
43) Isopropyl Acetate	8.694	43	1053226	39.312	ug/l	100
44) Trichloroethene	9.359	130	410393	45.919	ug/l	100
45) 1,2-Dichloropropane	9.624	63	447013	41.739	ug/l	100
46) Dibromomethane	9.712	93	331330	48.184	ug/l	100
47) Bromodichloromethane	9.888	83	683051	49.511	ug/l	100
48) Methyl methacrylate	9.682	41	468497	39.083	ug/l	100
49) 1,4-Dioxane	9.700	88	280206	1041.926	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	3600194	207.690	ug/l	100
52) Toluene	10.629	92	1166635	47.906	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	719472	50.826	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	743989	48.709	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	501403	49.728	ug/l	100
56) Ethyl methacrylate	10.876	69	763230	47.561	ug/l	100
57) 1,3-Dichloropropane	11.165	76	823579	46.281	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	1674152	254.207	ug/l	100
59) 2-Hexanone	11.194	43	2780814	218.128	ug/l	100
60) Dibromochloromethane	11.359	129	534287	54.150	ug/l	100
61) 1,2-Dibromoethane	11.471	107	501282	51.281	ug/l	100
64) Tetrachloroethene	11.106	164	319798	41.638	ug/l	100
65) Chlorobenzene	11.894	112	1275126	48.625	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	500133	51.475	ug/l	100
67) Ethyl Benzene	11.965	91	2353362	51.052	ug/l	100
68) m/p-Xylenes	12.070	106	1856146	106.385	ug/l	100
69) o-Xylene	12.400	106	943180	52.014	ug/l	100
70) Styrene	12.412	104	1568590	55.593	ug/l	100
71) Bromoform	12.582	173	389372	56.592	ug/l #	100
73) Isopropylbenzene	12.694	105	2417782	40.649	ug/l	100
74) N-amyl acetate	12.494	43	954879	32.494	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	855597	36.869	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	758944m	45.116	ug/l	100
77) Bromobenzene	12.982	156	529074	39.934	ug/l	100
78) n-propylbenzene	13.035	91	2833300	42.450	ug/l	100
79) 2-Chlorotoluene	13.129	91	1711565	45.049	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	2146075	46.140	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	279221	44.922	ug/l	100
82) 4-Chlorotoluene	13.129	91	1711565	45.049	ug/l	100
83) tert-Butylbenzene	13.441	119	1913233	44.206	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	2198498	49.402	ug/l	100
85) sec-Butylbenzene	13.617	105	2767907	47.064	ug/l	100
86) p-Isopropyltoluene	13.729	119	2303747	51.775	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	1107752	50.147	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	1103441	49.757	ug/l	100
89) n-Butylbenzene	14.059	91	1991456	54.064	ug/l	100
90) Hexachloroethane	14.335	117	420897	44.991	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	1112431	49.944	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	202046	54.080	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	506777	46.069	ug/l	100
94) Hexachlorobutadiene	15.500	225	238962	42.470	ug/l	100
95) Naphthalene	15.641	128	1996478	48.618	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	500339	44.597	ug/l	100

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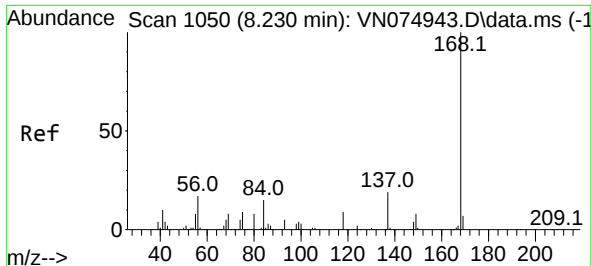
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Oct 21 03:02:02 2022
Response via : Initial Calibration

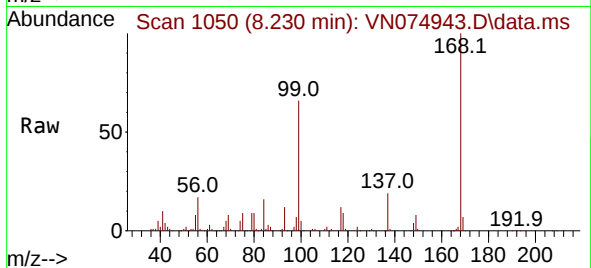
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN074943.D
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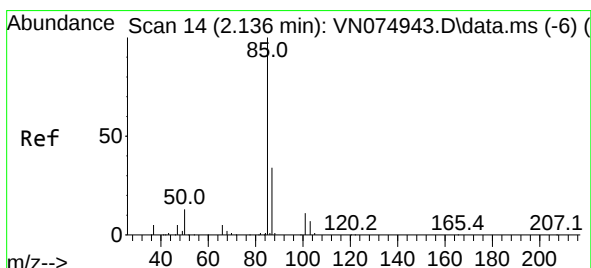
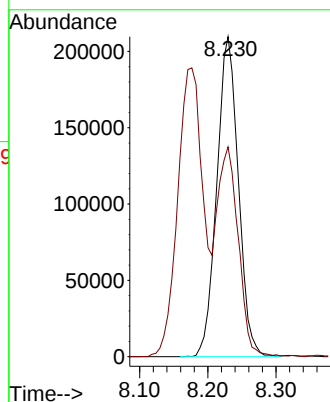
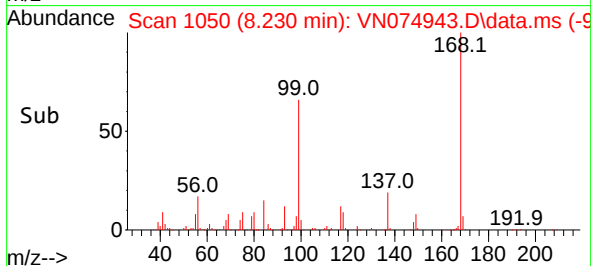
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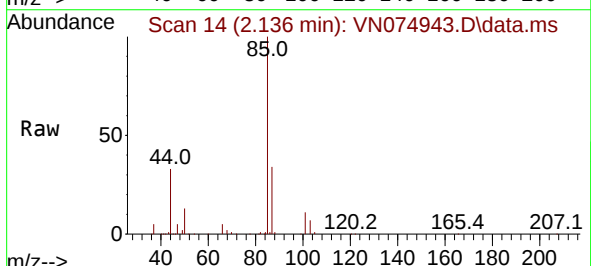
Tgt Ion:168 Resp: 461059
Ion Ratio Lower Upper
168 100
99 65.3 52.2 78.4

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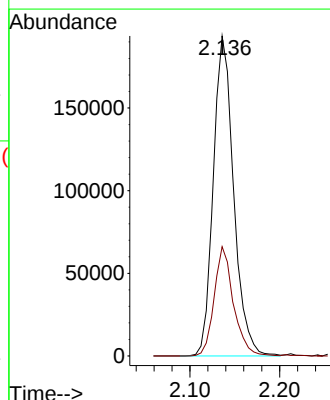
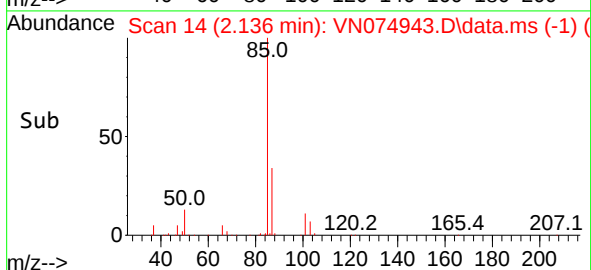
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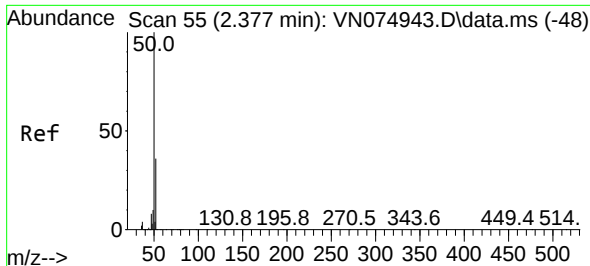


#2
Dichlorodifluoromethane
Concen: 39.534 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40



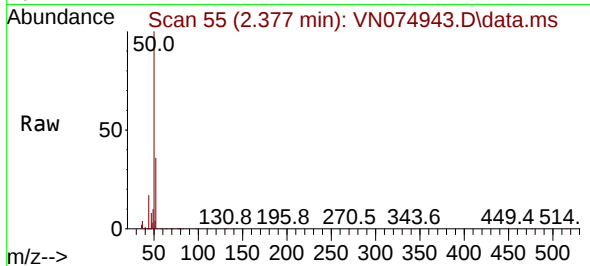
Tgt Ion: 85 Resp: 304784
Ion Ratio Lower Upper
85 100
87 34.1 17.1 51.2





#3
Chloromethane
Concen: 33.045 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

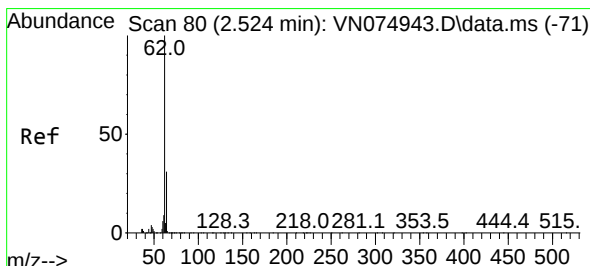
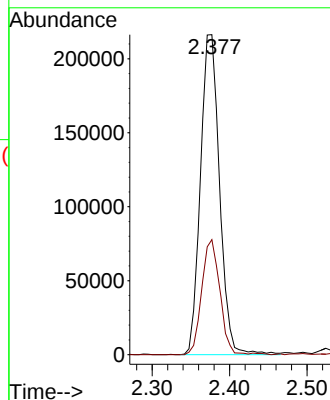
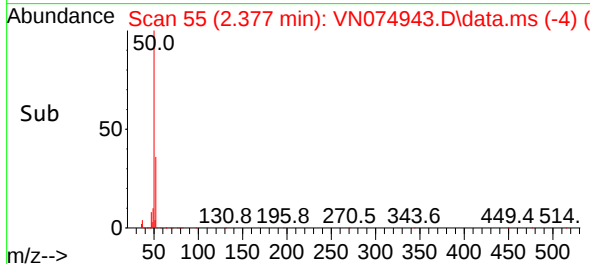
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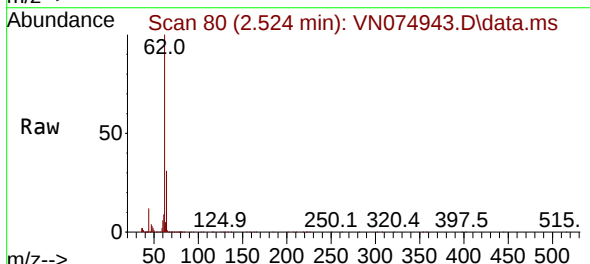
Tgt Ion: 50 Resp: 37141
Ion Ratio Lower Upper
50 100
52 36.0 28.8 43.2

Manual Integrations
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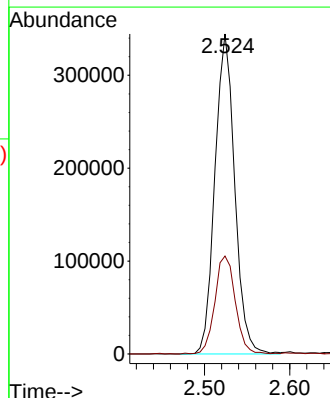
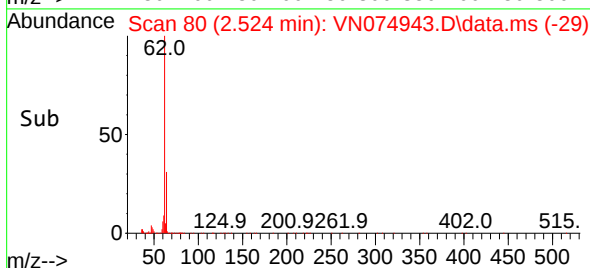
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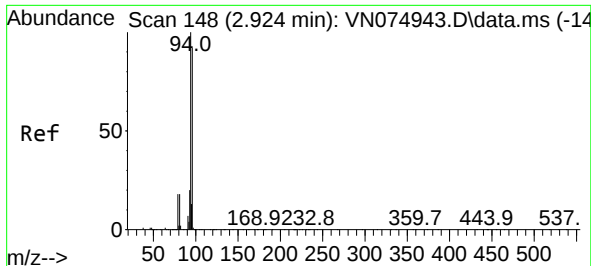


#4
Vinyl Chloride
Concen: 31.338 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40



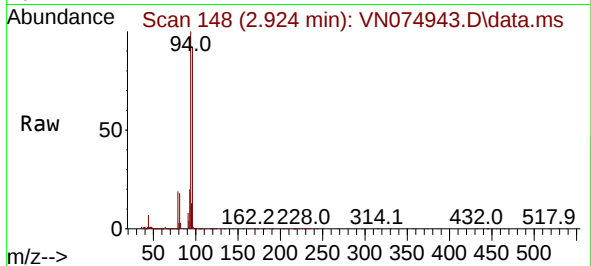
Tgt Ion: 62 Resp: 555874
Ion Ratio Lower Upper
62 100
64 30.6 24.5 36.7





#5
Bromomethane
Concen: 25.938 ug/l
RT: 2.924 min Scan# 148
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

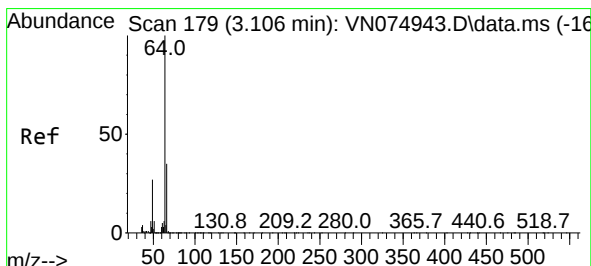
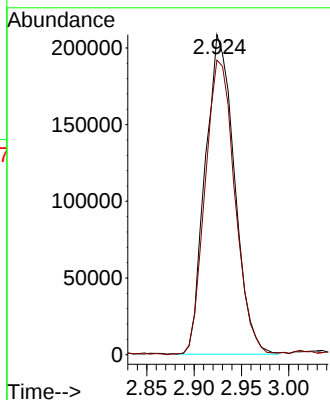
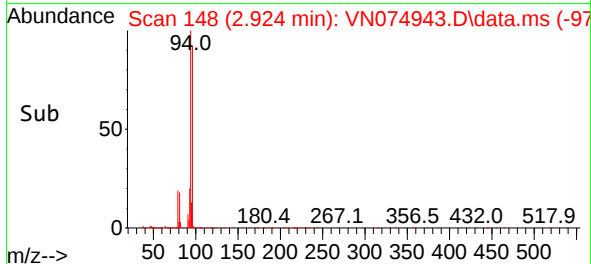
Instrument :
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Tgt Ion: 94 Resp: 44666
Ion Ratio Lower Upper
94 100
96 91.9 73.5 110.3

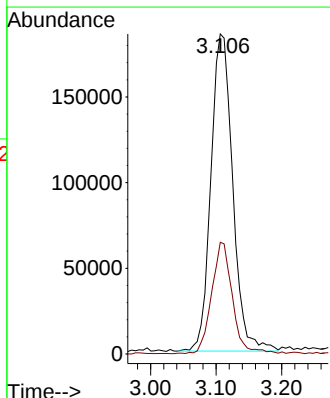
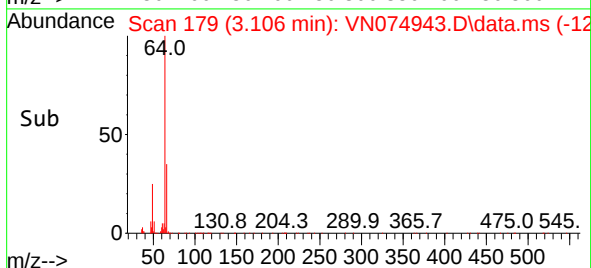
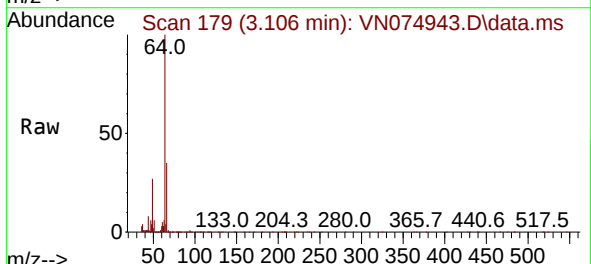
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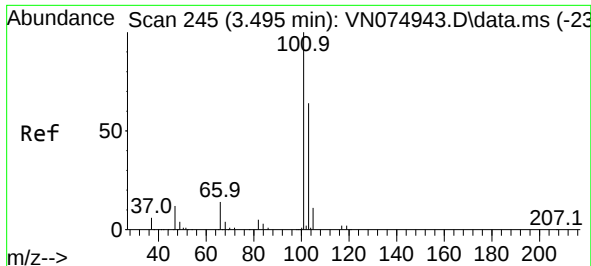
Reviewed By :John Carlone 10/21/2022
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#6
Chloroethane
Concen: 26.488 ug/l
RT: 3.106 min Scan# 179
Delta R.T. 0.000 min
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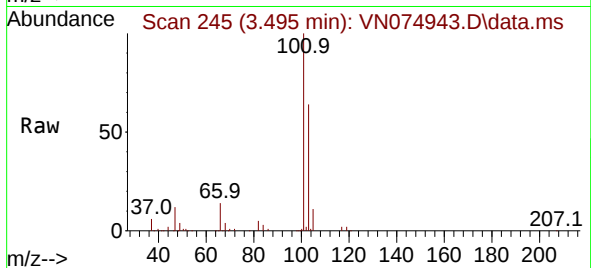
Tgt Ion: 64 Resp: 427844
Ion Ratio Lower Upper
64 100
66 34.9 27.9 41.9





#7
 Trichlorofluoromethane
 Concen: 46.598 ug/l
 RT: 3.495 min Scan# 245
 Delta R.T. 0.000 min
 Lab File: VN074943.D
 Acq: 20 Oct 2022 15:40

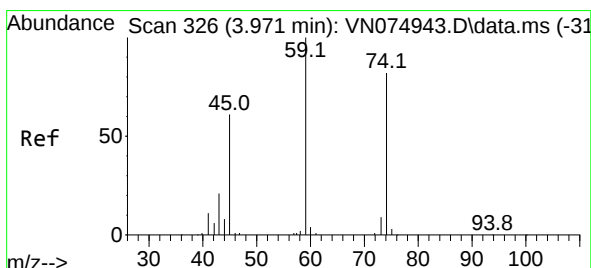
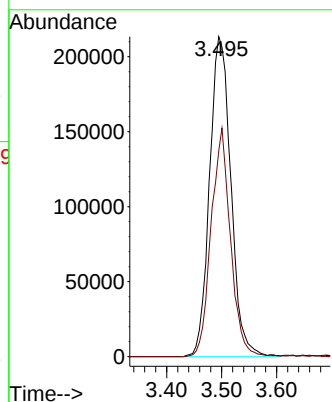
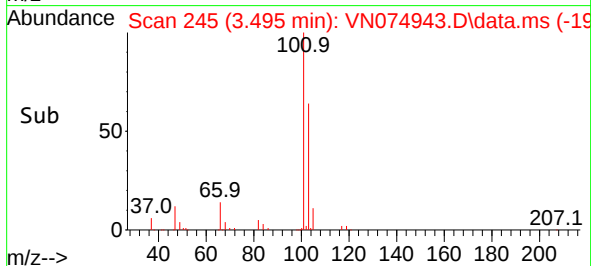
Instrument :
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 ClientSampleId :
 VSTDICCC050



Tgt Ion:101 Resp: 574604
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3

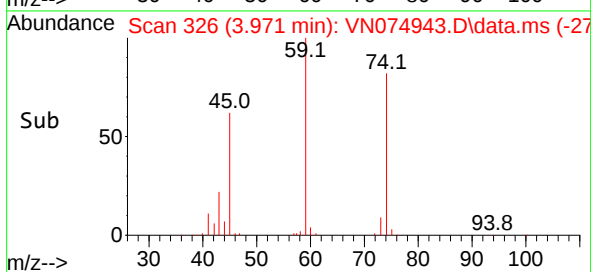
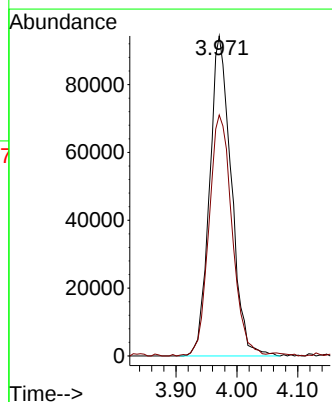
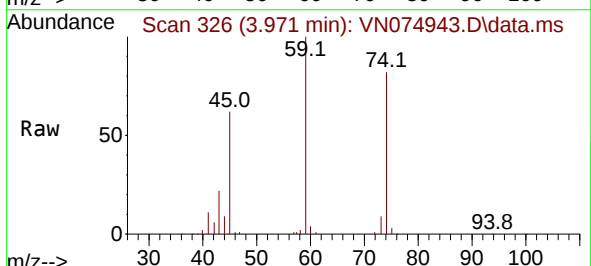
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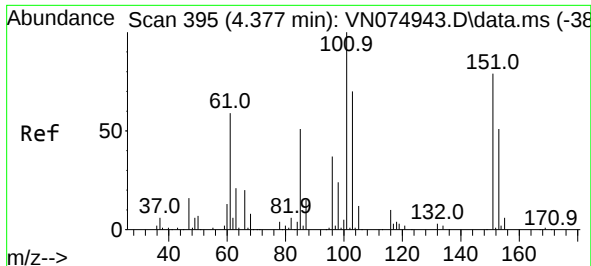
Reviewed By :John Carlone 10/21/2022
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#8
 Diethyl Ether
 Concen: 42.677 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN074943.D
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Tgt Ion: 74 Resp: 233360
 Ion Ratio Lower Upper
 74 100
 45 80.2 40.1 120.3





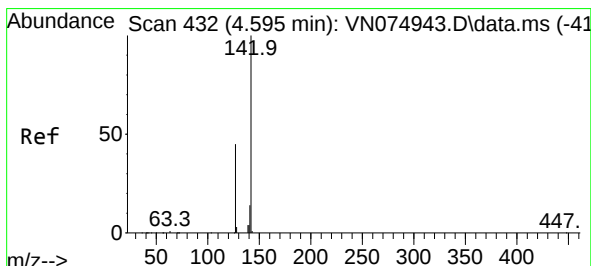
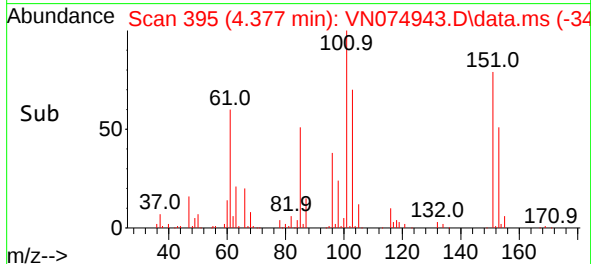
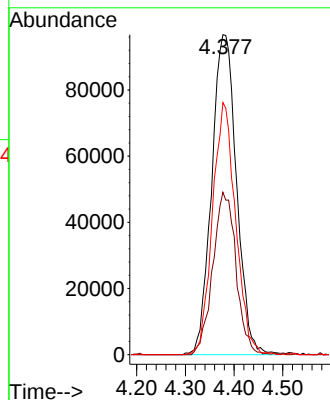
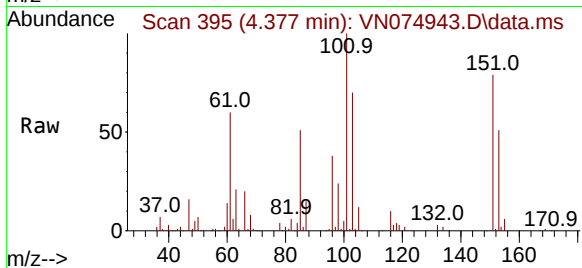
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.708 ug/l
RT: 4.377 min Scan# 395
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 342915
Ion Ratio Lower Upper
101 100
85 47.3 37.8 56.8
151 73.1 58.5 87.7

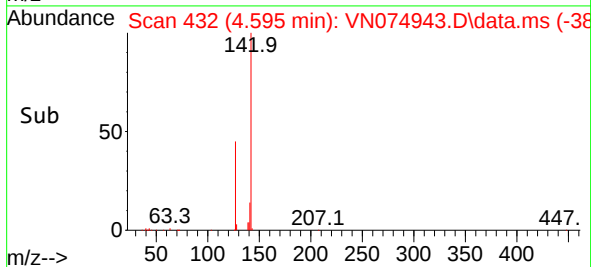
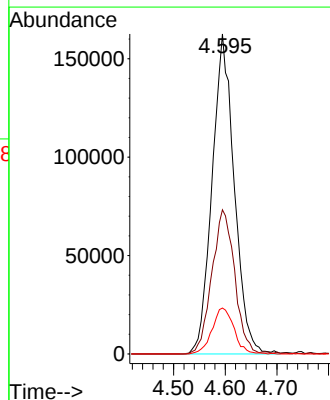
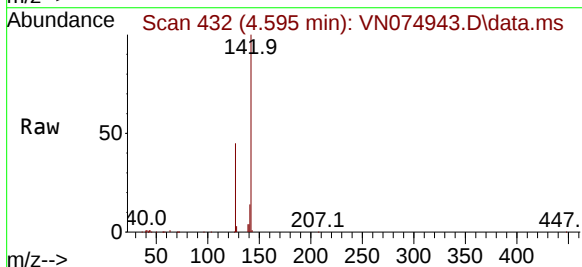
Manual Integrations
APPROVED

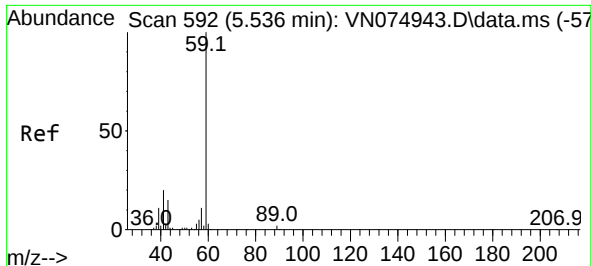
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#10
Methyl Iodide
Concen: 46.479 ug/l
RT: 4.595 min Scan# 432
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

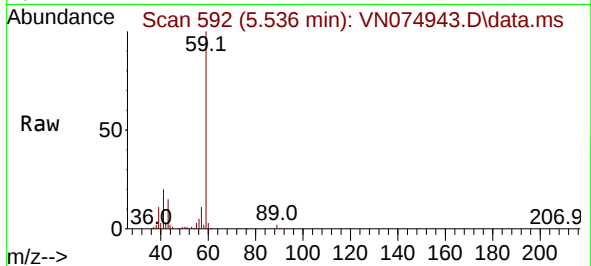
Tgt Ion:142 Resp: 484200
Ion Ratio Lower Upper
142 100
127 46.2 37.0 55.4
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 234.043 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

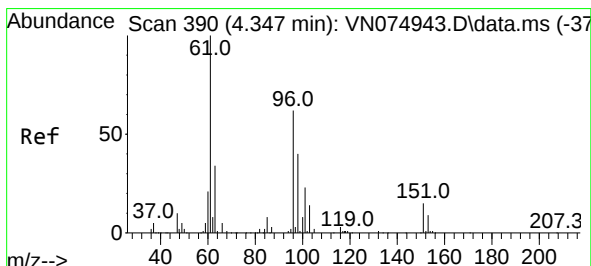
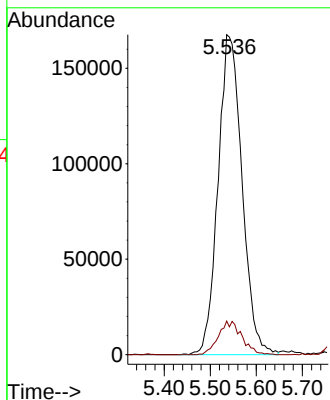
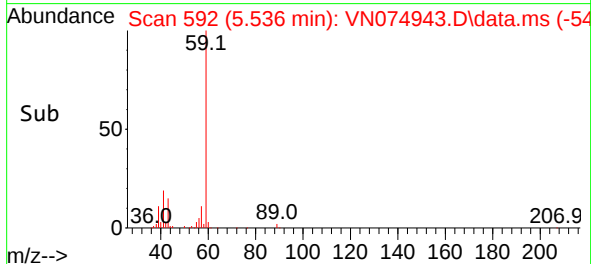
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



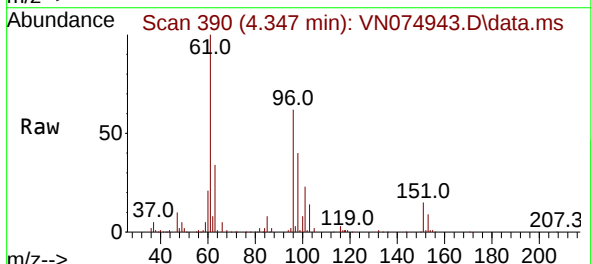
Tgt Ion: 59 Resp: 605350
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

Manual Integrations
APPROVED

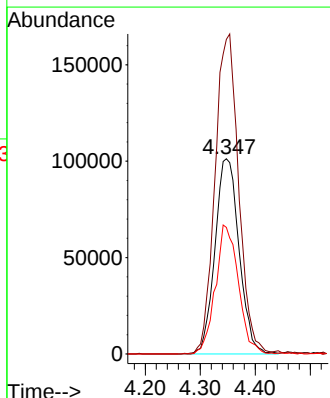
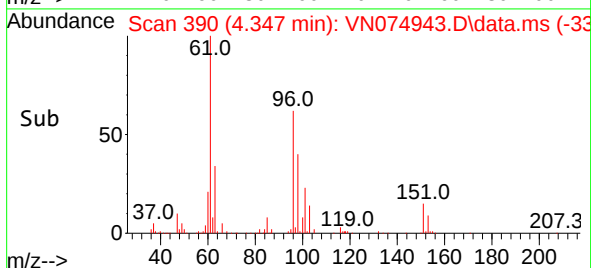
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

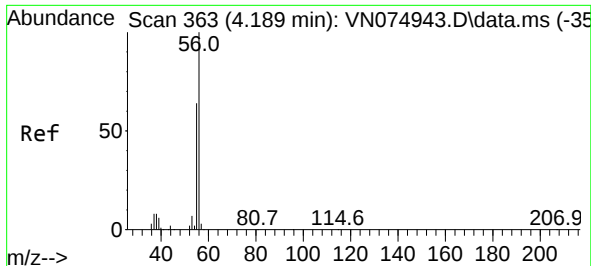


#12
1,1-Dichloroethene
Concen: 42.408 ug/l
RT: 4.347 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40



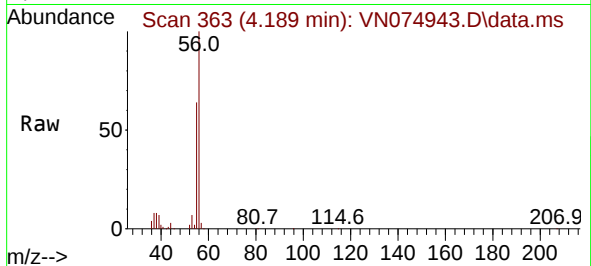
Tgt Ion: 96 Resp: 308761
Ion Ratio Lower Upper
96 100
61 161.1 128.9 193.3
98 64.8 51.8 77.8





#13
Acrolein
Concen: 180.859 ug/l
RT: 4.189 min Scan# 363
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

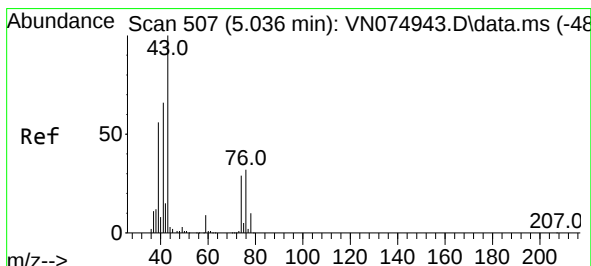
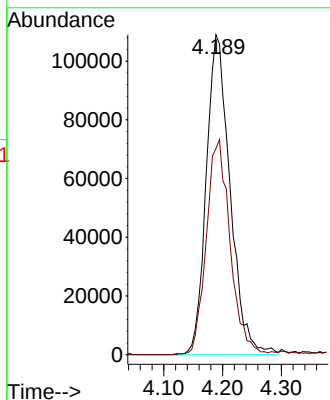
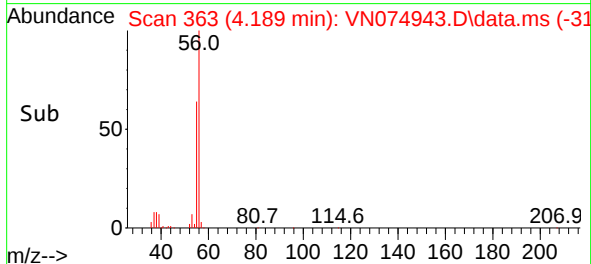
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 307058
Ion Ratio Lower Upper
56 100
55 67.1 53.7 80.5

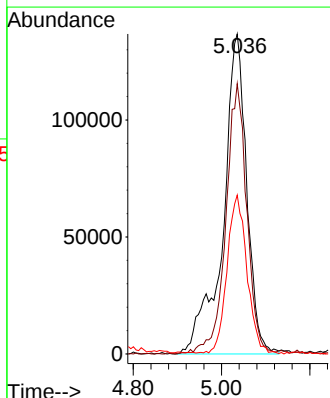
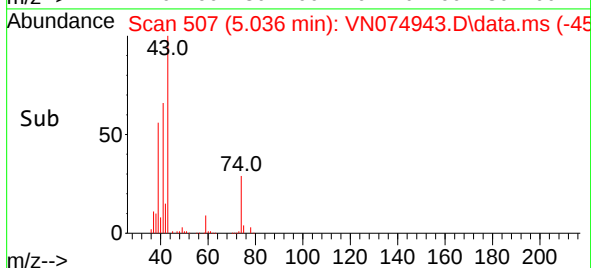
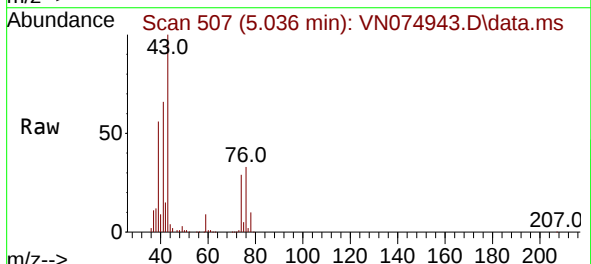
Manual Integrations
APPROVED

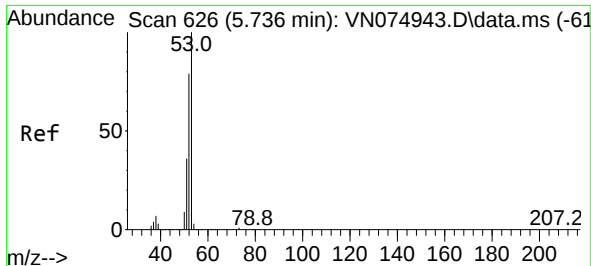
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#14
Allyl chloride
Concen: 38.319 ug/l m
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

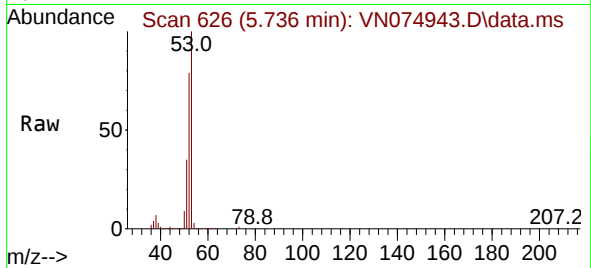
Tgt Ion: 41 Resp: 510196
Ion Ratio Lower Upper
41 100
39 74.7 60.0 90.0
76 42.0 33.7 50.5





#15
Acrylonitrile
Concen: 209.052 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

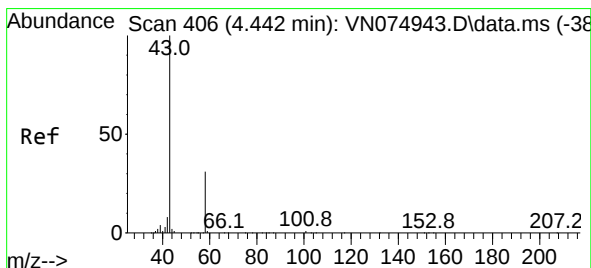
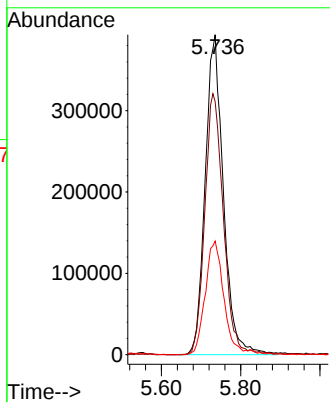
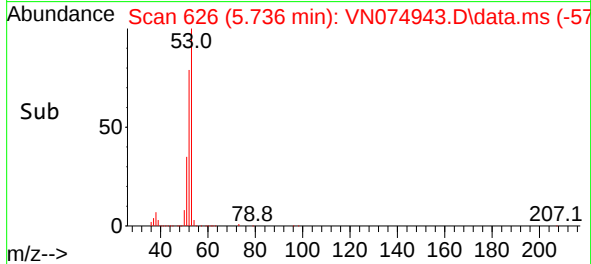
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



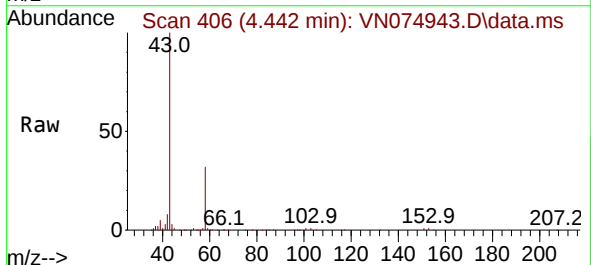
Tgt Ion: 53 Resp: 1254470
Ion Ratio Lower Upper
53 100
52 83.4 66.7 100.1
51 36.0 28.8 43.2

Manual Integrations
APPROVED

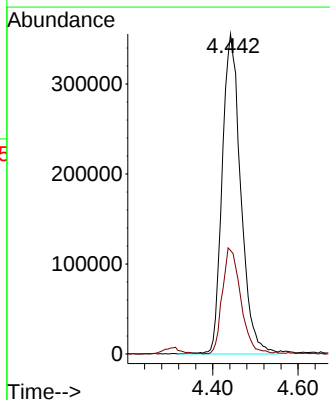
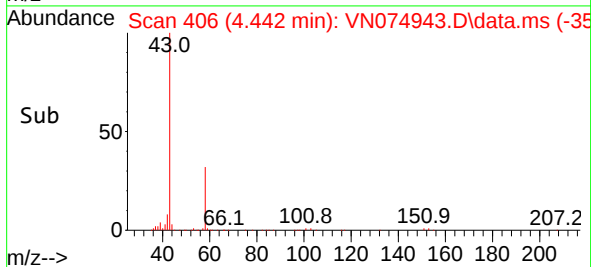
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

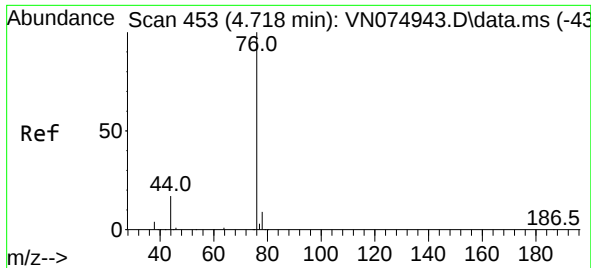


#16
Acetone
Concen: 209.390 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40



Tgt Ion: 43 Resp: 1076824
Ion Ratio Lower Upper
43 100
58 32.1 25.7 38.5





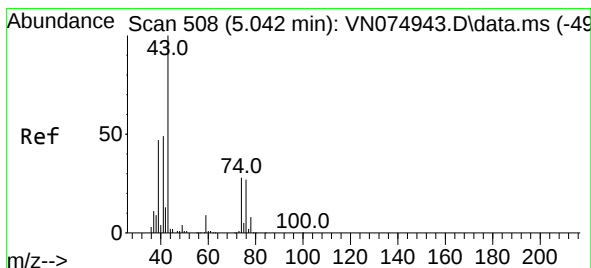
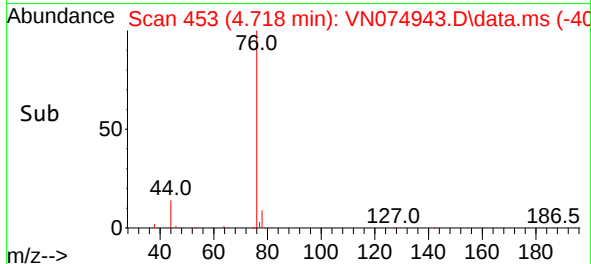
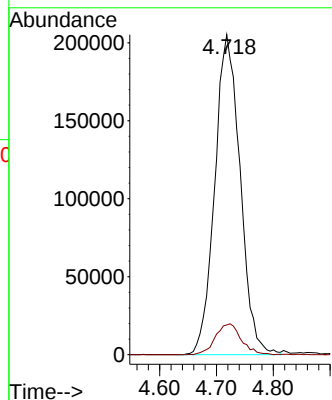
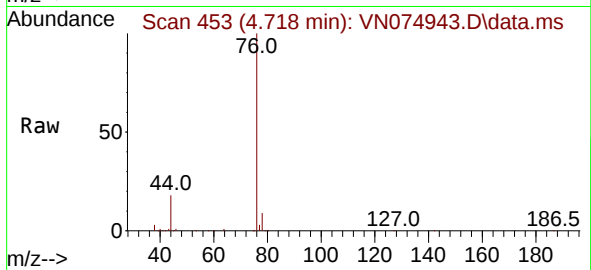
#17
Carbon Disulfide
Concen: 39.873 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 63608
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

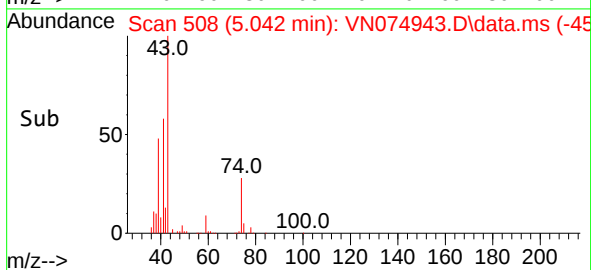
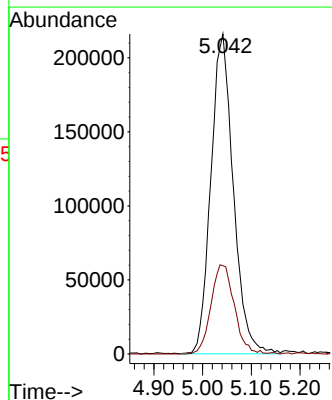
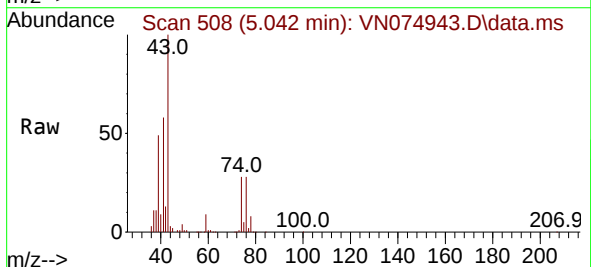
Manual Integrations
APPROVED

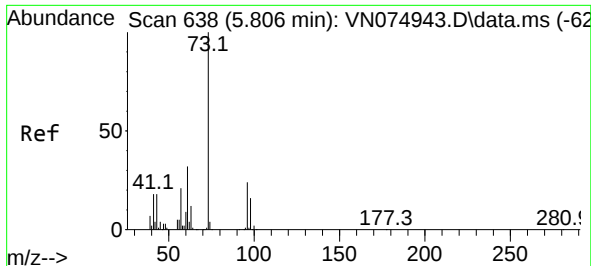
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#18
Methyl Acetate
Concen: 37.871 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

Tgt Ion: 43 Resp: 690292
Ion Ratio Lower Upper
43 100
74 28.9 23.1 34.7





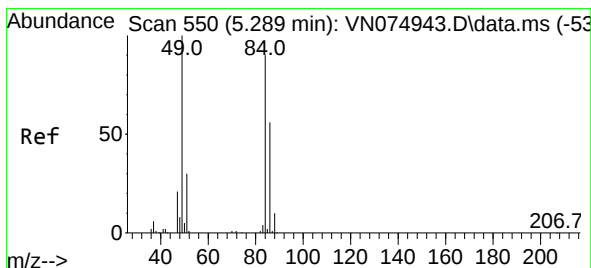
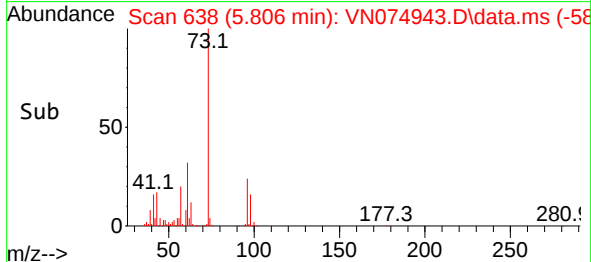
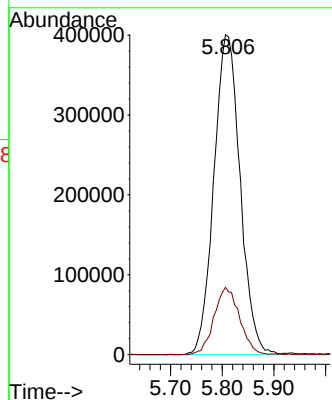
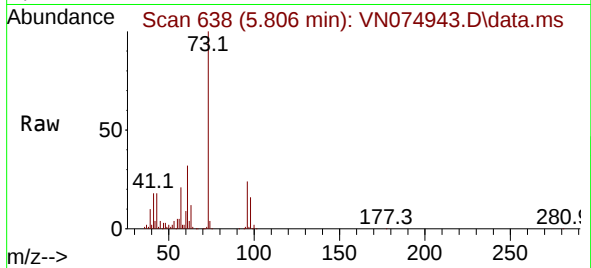
#19
Methyl tert-butyl Ether
Concen: 50.054 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 141144
Ion Ratio Lower Upper
73 100
57 21.1 16.9 25.3

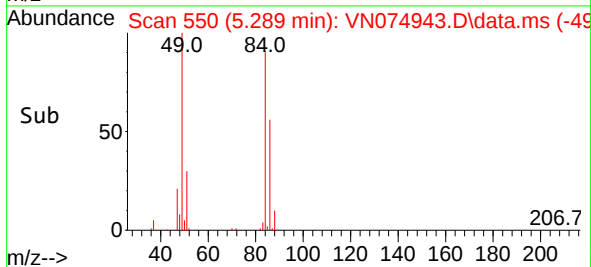
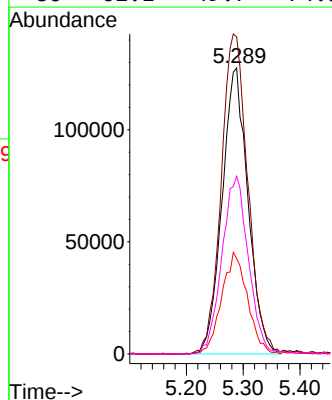
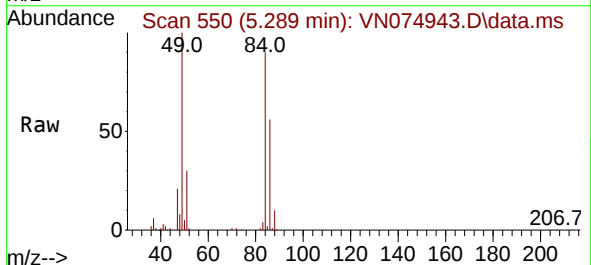
Manual Integrations
APPROVED

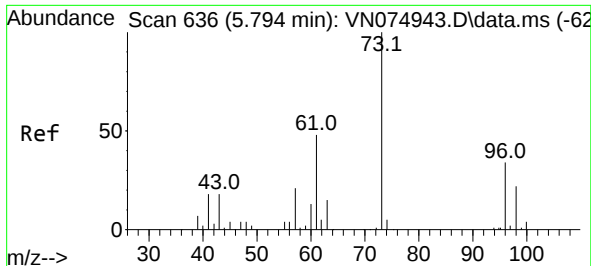
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#20
Methylene Chloride
Concen: 38.833 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

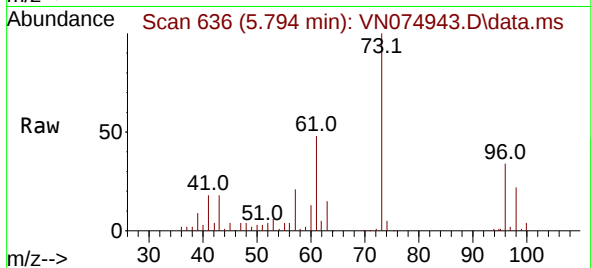
Tgt Ion: 84 Resp: 403765
Ion Ratio Lower Upper
84 100
49 110.8 88.6 133.0
51 33.4 26.7 40.1
86 62.1 49.7 74.5





#21
trans-1,2-Dichloroethene
Concen: 43.997 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

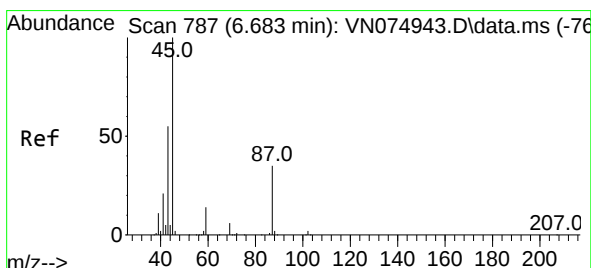
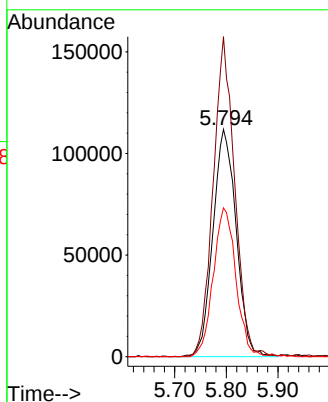
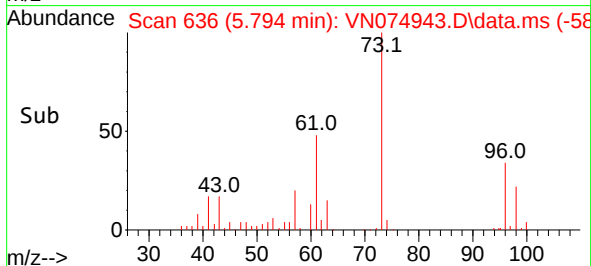
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 350130
Ion Ratio Lower Upper
96 100
61 140.8 112.6 169.0
98 65.5 52.4 78.6

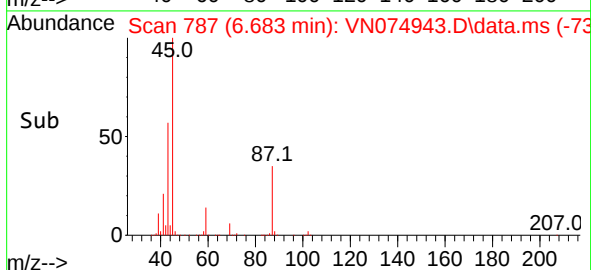
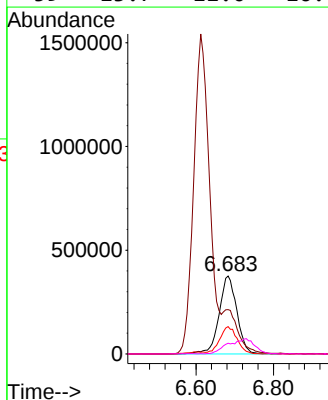
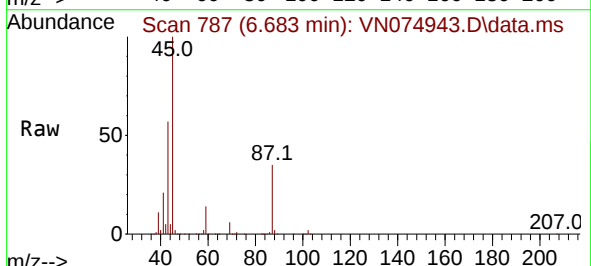
Manual Integrations
APPROVED

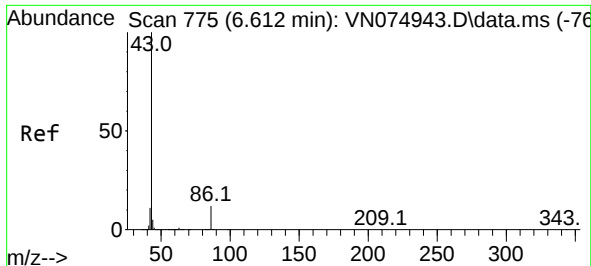
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#22
Diisopropyl ether
Concen: 42.168 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

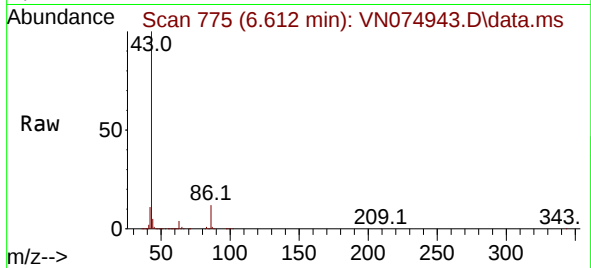
Tgt Ion: 45 Resp: 1199174
Ion Ratio Lower Upper
45 100
43 56.1 44.9 67.3
87 35.0 28.0 42.0
59 13.7 11.0 16.4





#23
 Vinyl Acetate
 Concen: 216.222 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN074943.D
 Acq: 20 Oct 2022 15:40

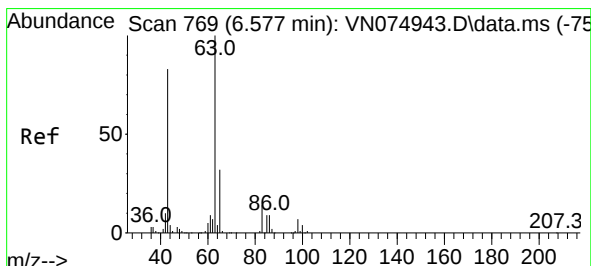
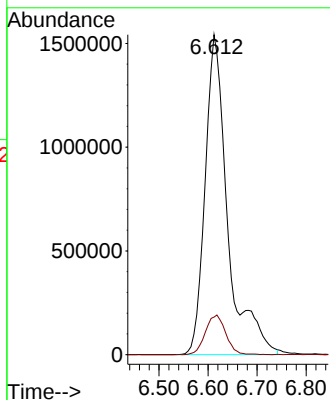
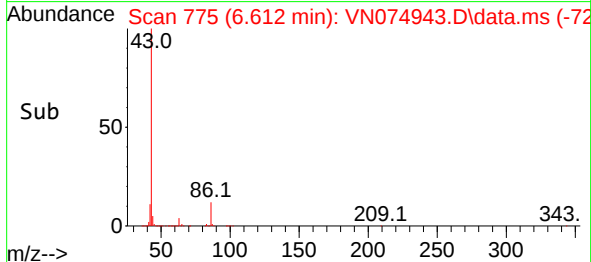
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



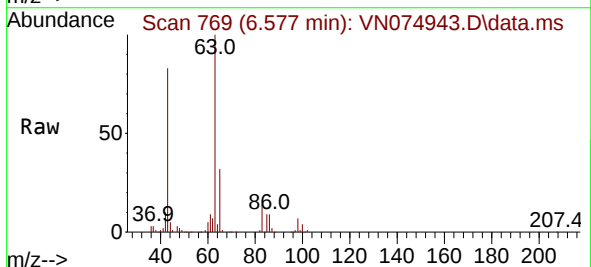
Tgt Ion: 43 Resp: 4939329
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.4 14.0

Manual Integrations
 APPROVED

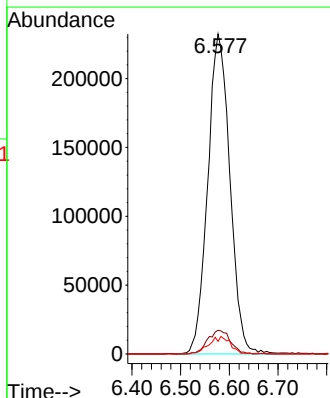
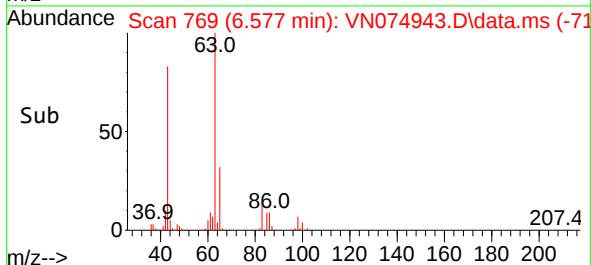
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022

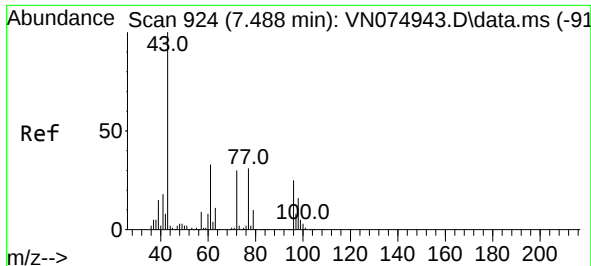


#24
 1,1-Dichloroethane
 Concen: 44.214 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN074943.D
 Acq: 20 Oct 2022 15:40



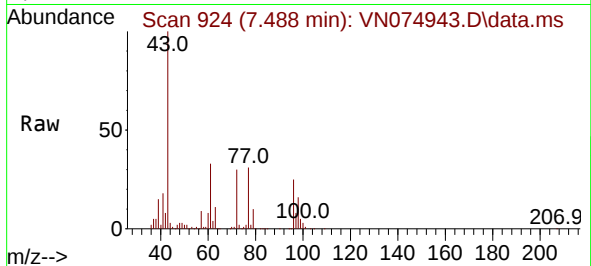
Tgt Ion: 63 Resp: 735585
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.0 2.0 6.0





#25
2-Butanone
Concen: 206.095 ug/l
RT: 7.488 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

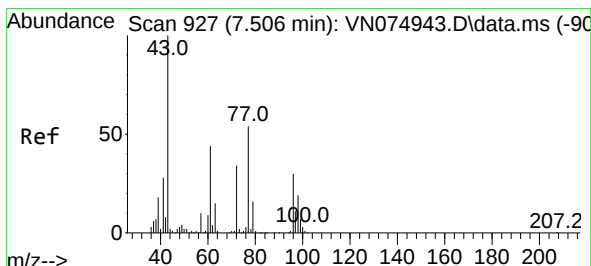
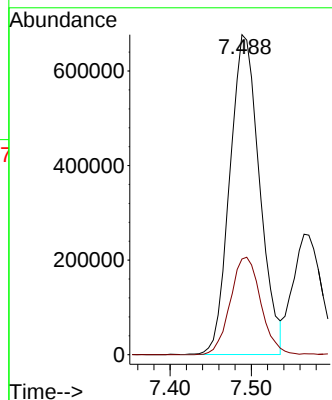
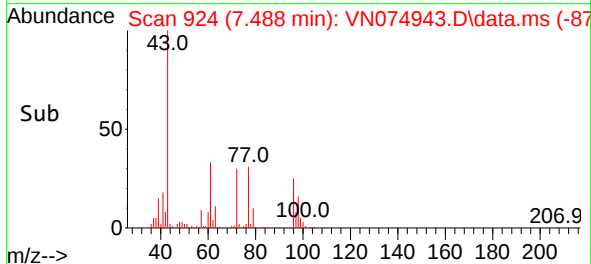
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



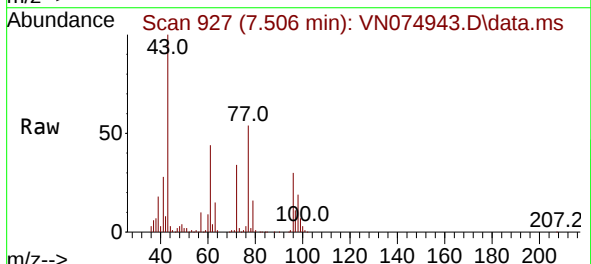
Tgt Ion: 43 Resp: 1724170
Ion Ratio Lower Upper
43 100
72 29.9 23.9 35.9

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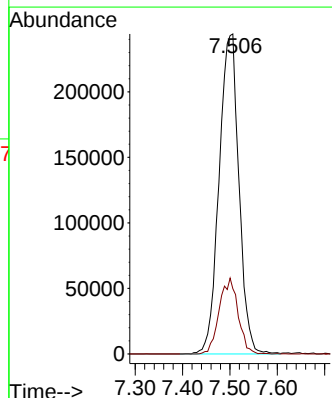
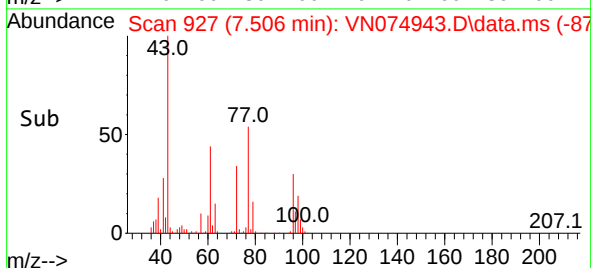
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

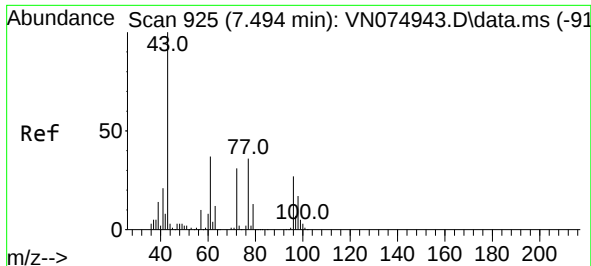


#26
2,2-Dichloropropane
Concen: 53.771 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40



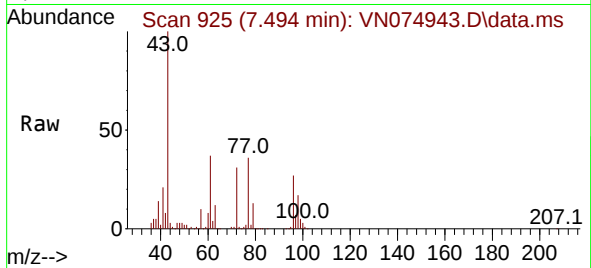
Tgt Ion: 77 Resp: 710558
Ion Ratio Lower Upper
77 100
97 22.5 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 46.670 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN074943.D
 Acq: 20 Oct 2022 15:40

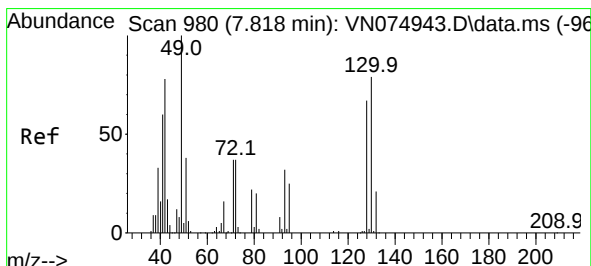
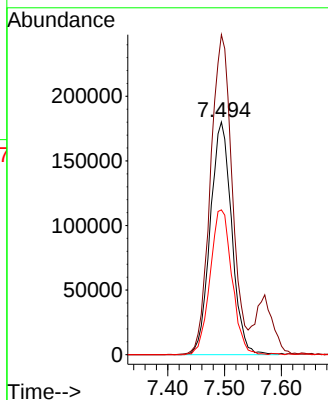
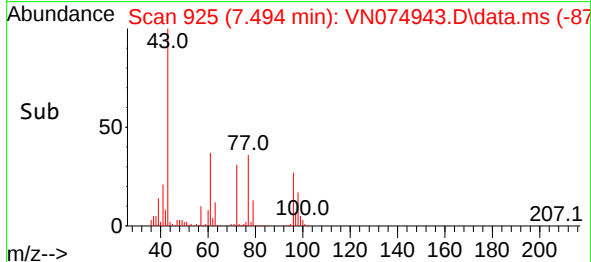
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 472200
 Ion Ratio Lower Upper
 96 100
 61 138.9 0.0 277.8
 98 63.6 0.0 127.2

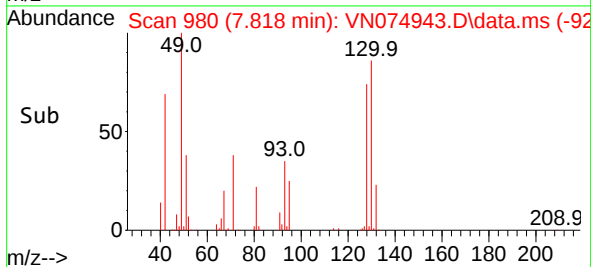
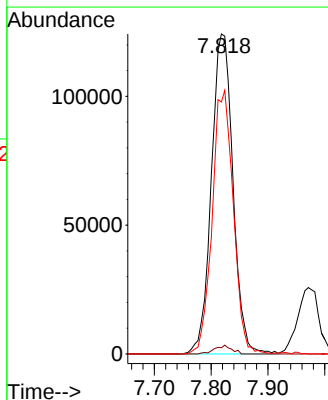
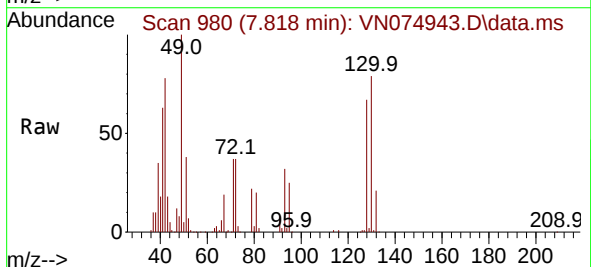
Manual Integrations
 APPROVED

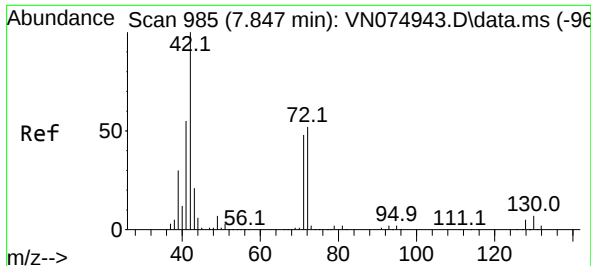
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#28
 Bromochloromethane
 Concen: 43.926 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. 0.000 min
 Lab File: VN074943.D
 Acq: 20 Oct 2022 15:40

Tgt Ion: 49 Resp: 327914
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 80.5 64.4 96.6





#29

Tetrahydrofuran

Concen: 194.301 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.000 min

Lab File: VN074943.D

Acq: 20 Oct 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 109216

Ion Ratio Lower Upper

42 100

72 52.8 42.2 63.4

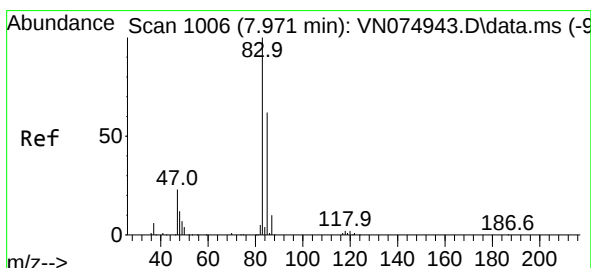
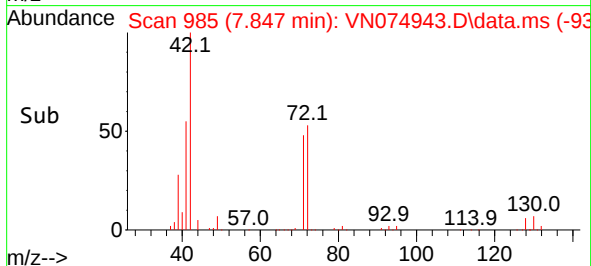
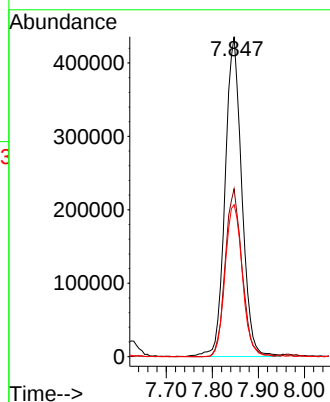
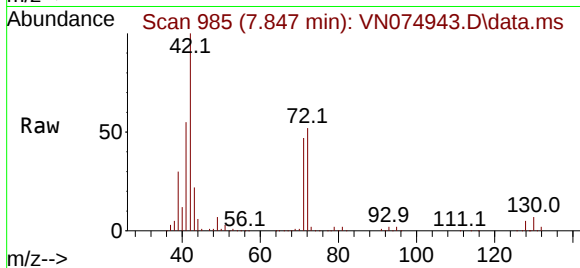
71 49.3 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#30

Chloroform

Concen: 48.270 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN074943.D

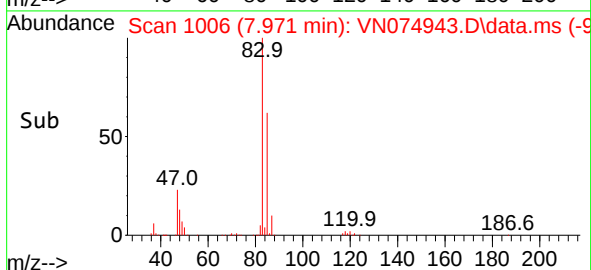
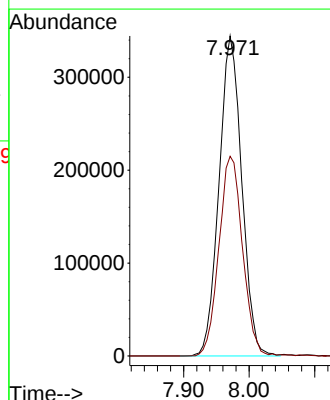
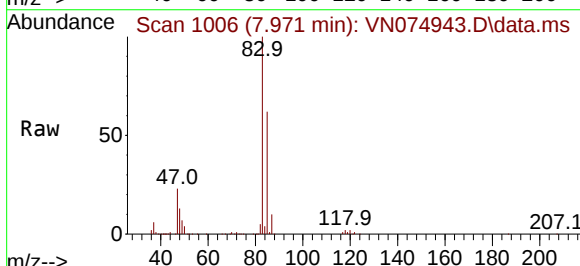
Acq: 20 Oct 2022 15:40

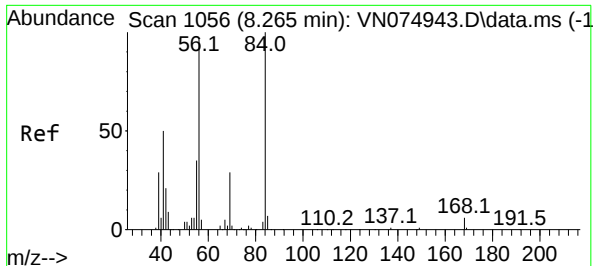
Tgt Ion: 83 Resp: 827716

Ion Ratio Lower Upper

83 100

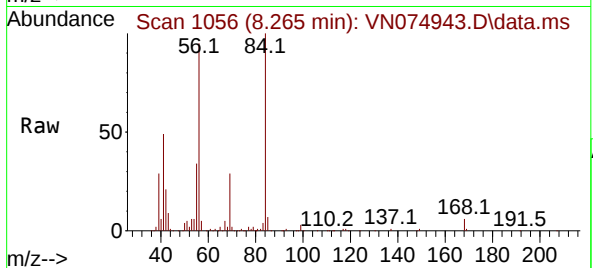
85 62.4 49.9 74.9





#31
Cyclohexane
Concen: 40.681 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

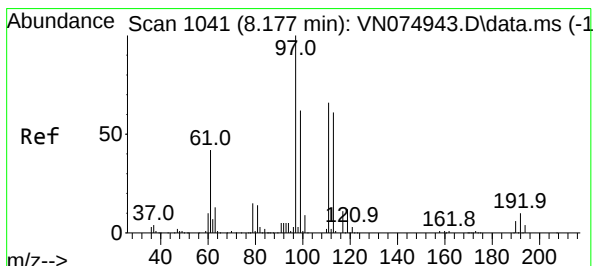
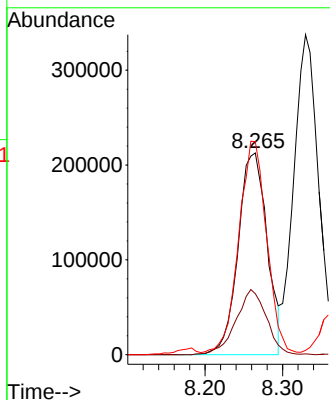
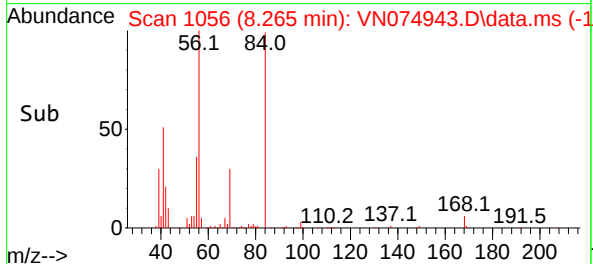
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



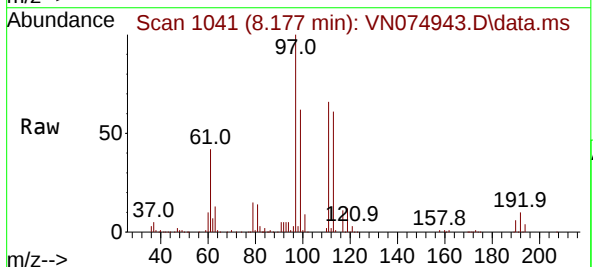
Tgt Ion: 56 Resp: 554079
Ion Ratio Lower Upper
56 100
69 30.2 24.2 36.2
84 103.5 82.8 124.2

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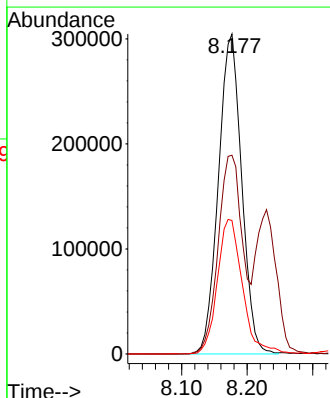
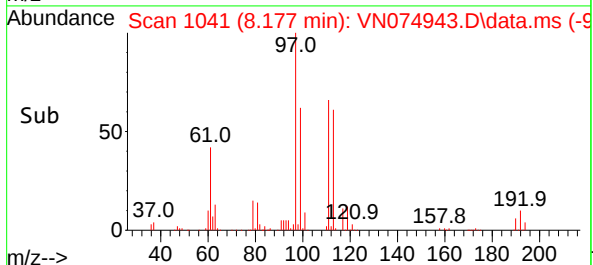
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

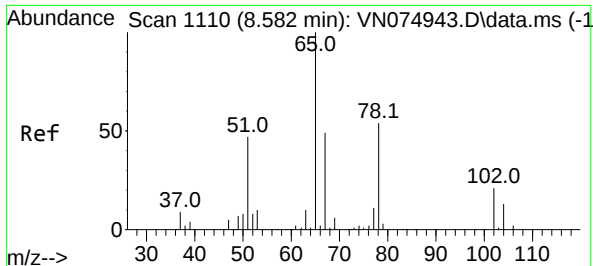


#32
1,1,1-Trichloroethane
Concen: 51.568 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40



Tgt Ion: 97 Resp: 749297
Ion Ratio Lower Upper
97 100
99 66.2 53.0 79.4
61 45.5 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 51.937 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN074943.D

Acq: 20 Oct 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 57530

Ion Ratio Lower Upper

65 100

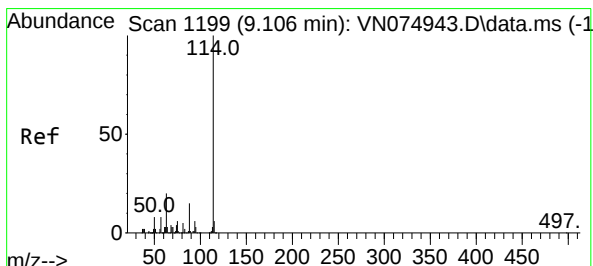
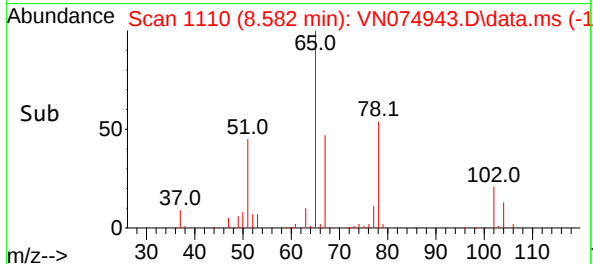
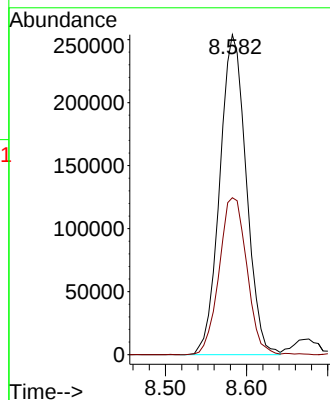
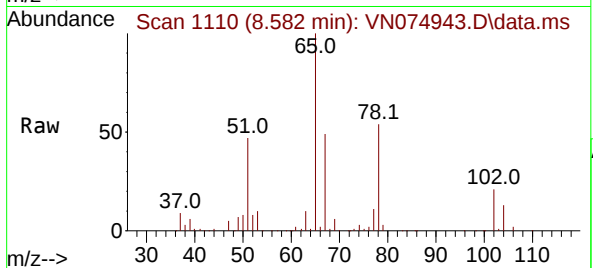
67 51.3 0.0 102.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074943.D

Acq: 20 Oct 2022 15:40

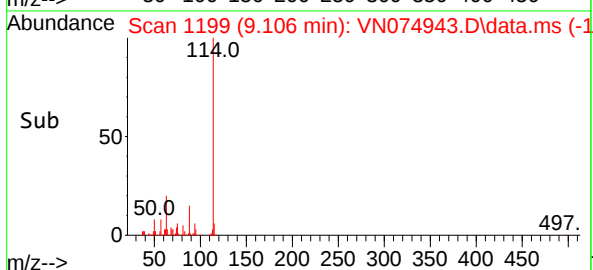
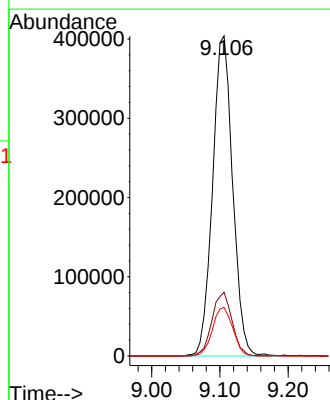
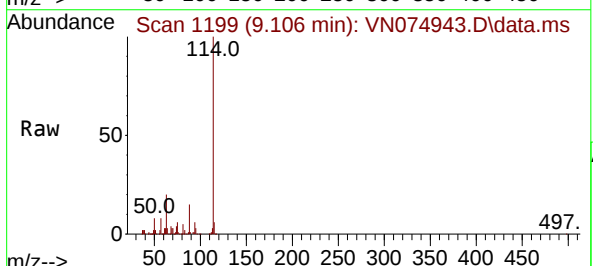
Tgt Ion:114 Resp: 827400

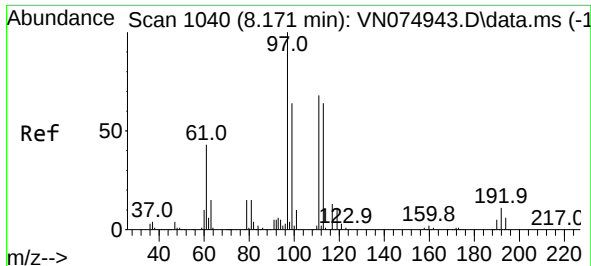
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.855 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN074943.D

Acq: 20 Oct 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 45986

Ion Ratio Lower Upper

113 100

111 104.3 83.4 125.2

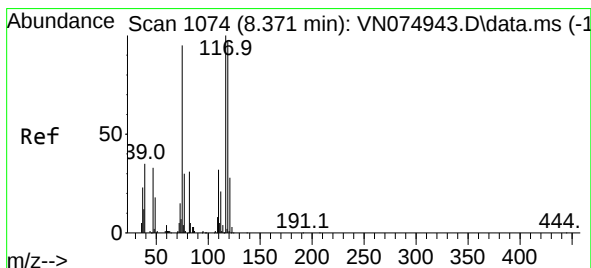
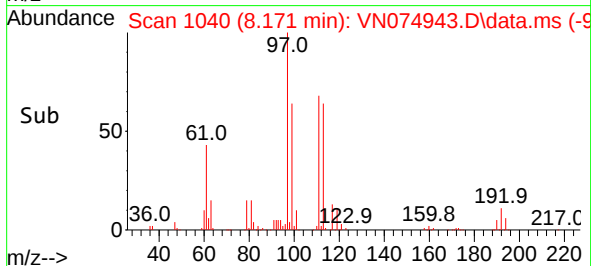
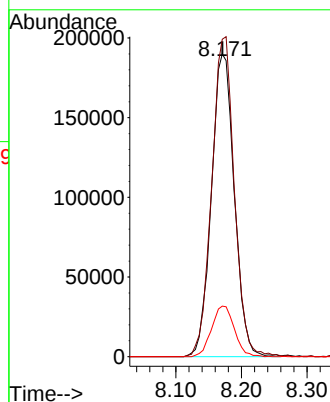
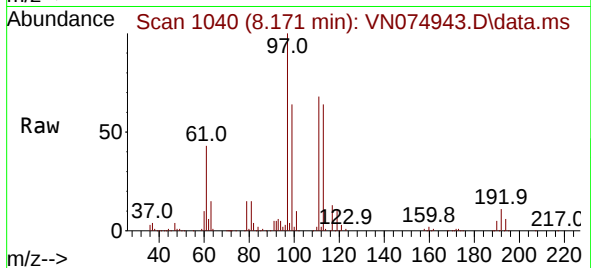
192 16.6 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#36

1,1-Dichloropropene

Concen: 44.019 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. 0.000 min

Lab File: VN074943.D

Acq: 20 Oct 2022 15:40

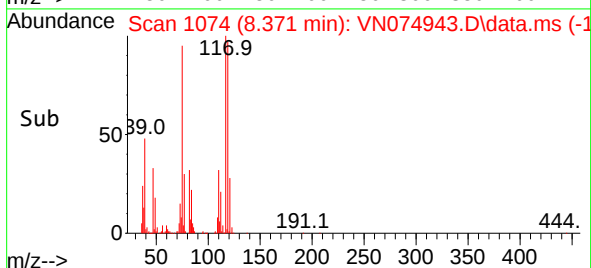
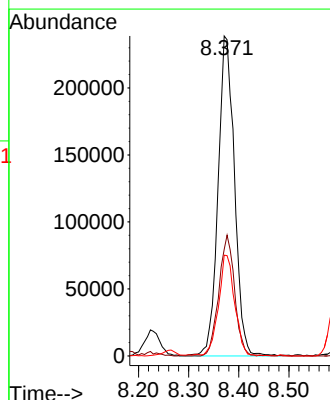
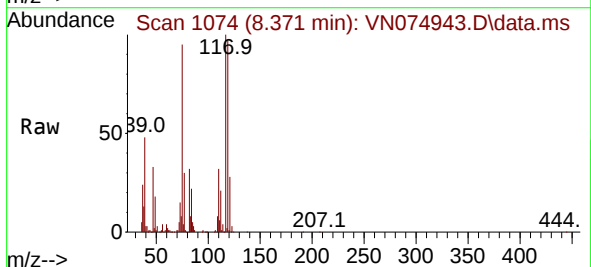
Tgt Ion: 75 Resp: 543331

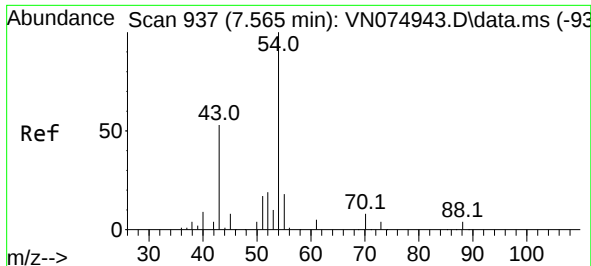
Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.4

77 31.2 25.0 37.4





#37

Ethyl Acetate

Concen: 38.871 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074943.D

Acq: 20 Oct 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 64395

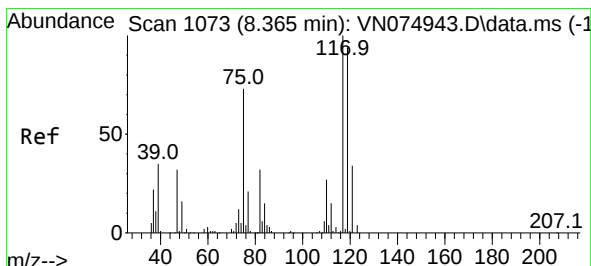
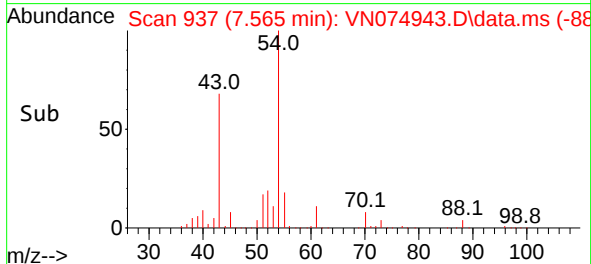
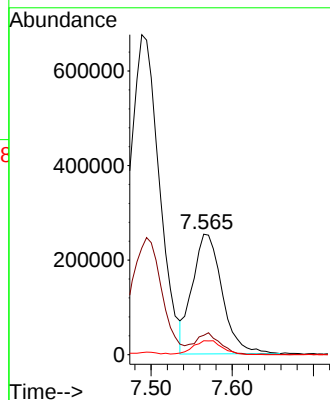
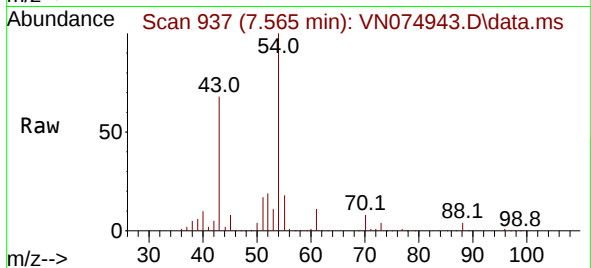
Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.1	18.1
70	11.5	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#38

Carbon Tetrachloride

Concen: 50.578 ug/l

RT: 8.365 min Scan# 1073

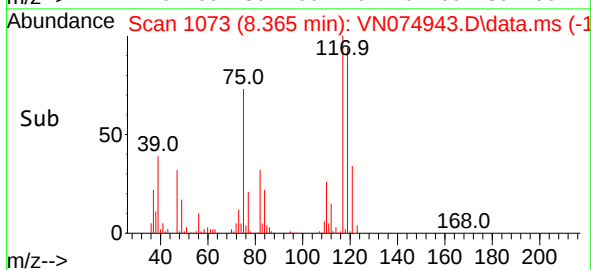
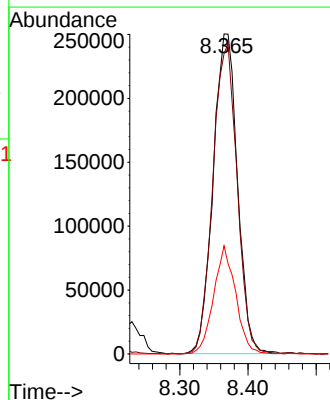
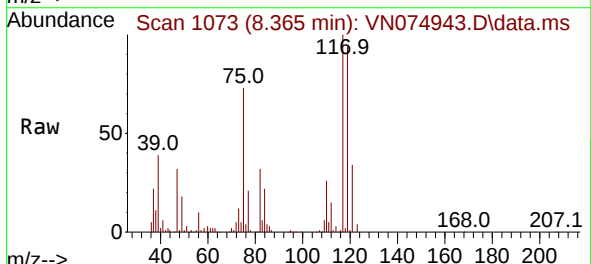
Delta R.T. 0.000 min

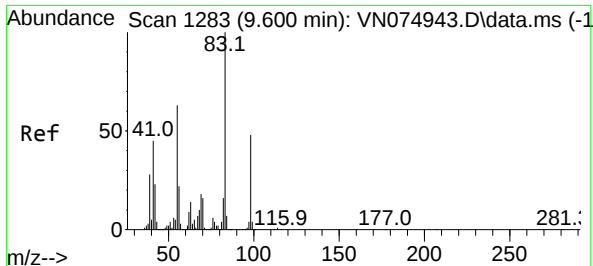
Lab File: VN074943.D

Acq: 20 Oct 2022 15:40

Tgt Ion:117 Resp: 621079

Ion	Ratio	Lower	Upper
117	100		
119	94.0	75.2	112.8
121	33.8	27.0	40.6





#39

Methylcyclohexane

Concen: 48.024 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074943.D

Acq: 20 Oct 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 674384

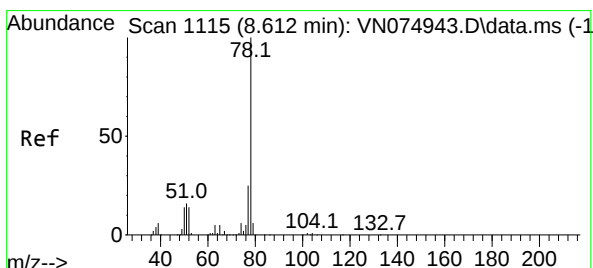
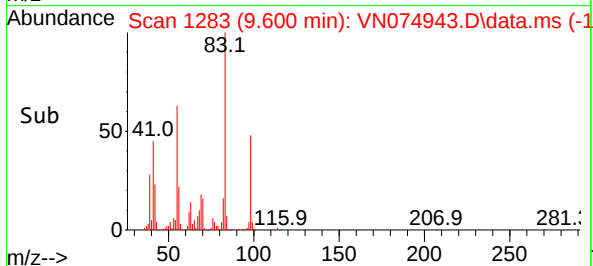
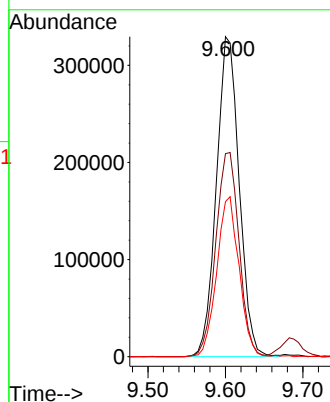
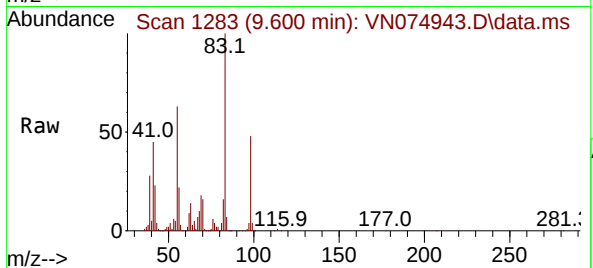
Ion	Ratio	Lower	Upper
83	100		
55	63.5	50.8	76.2
98	48.5	38.8	58.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#40

Benzene

Concen: 43.654 ug/l

RT: 8.612 min Scan# 1115

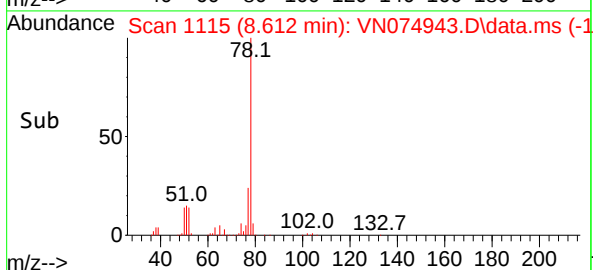
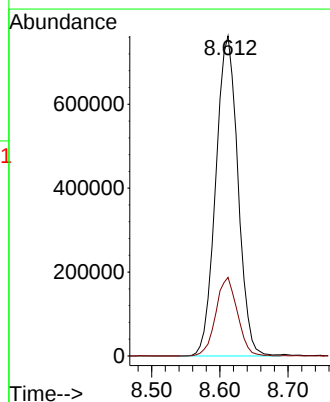
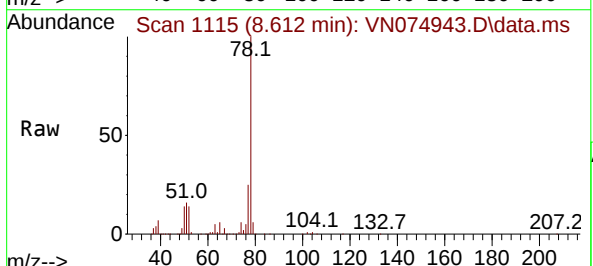
Delta R.T. 0.000 min

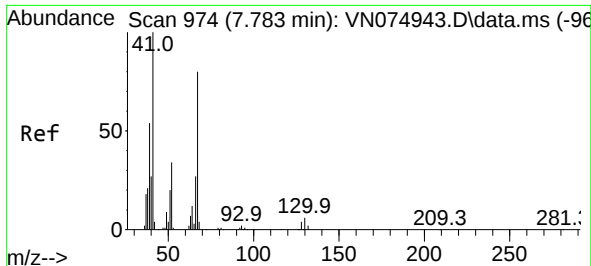
Lab File: VN074943.D

Acq: 20 Oct 2022 15:40

Tgt Ion: 78 Resp: 1727189

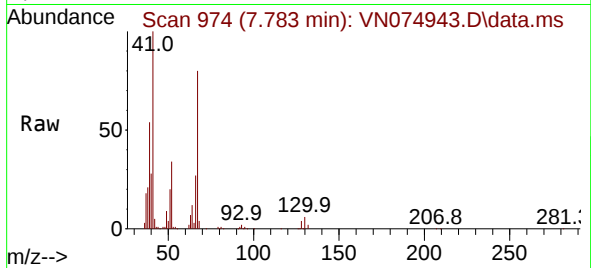
Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.6	29.4





#41
Methacrylonitrile
Concen: 38.444 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

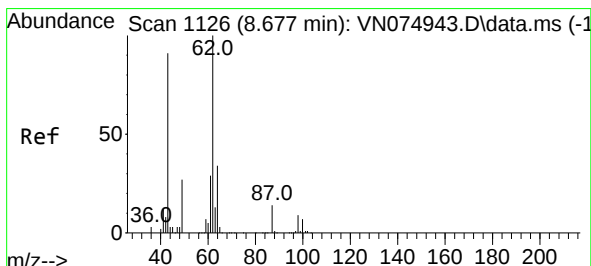
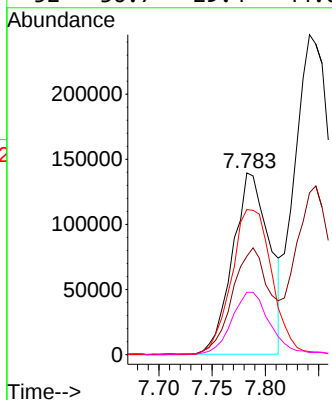
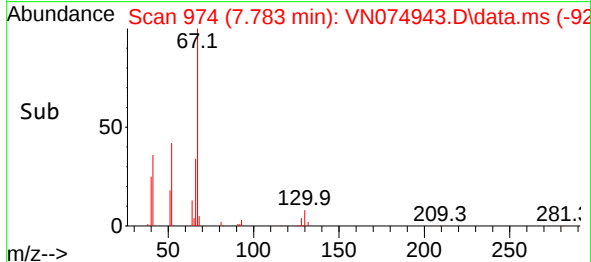
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 334774
Ion Ratio Lower Upper
41 100
39 59.9 47.9 71.9
67 88.5 70.8 106.2
52 36.7 29.4 44.0

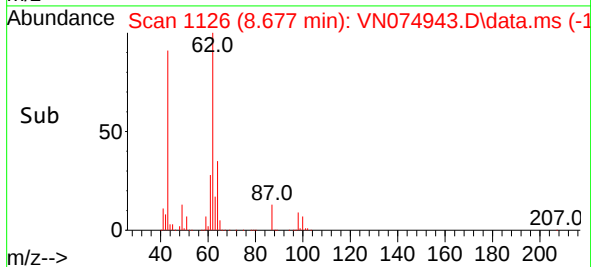
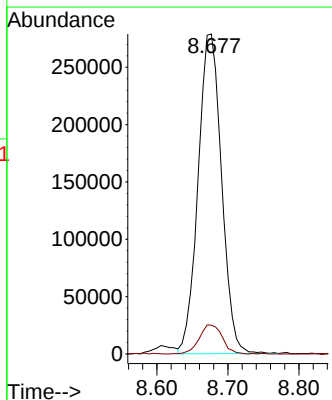
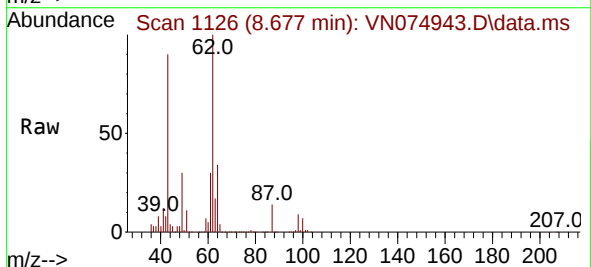
Manual Integrations
APPROVED

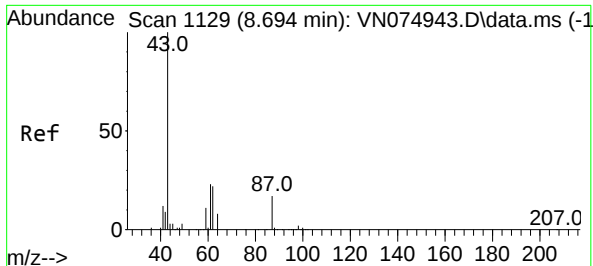
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#42
1,2-Dichloroethane
Concen: 48.480 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

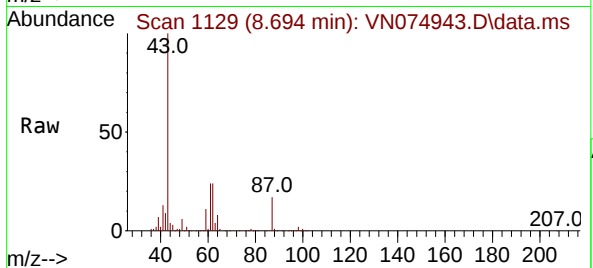
Tgt Ion: 62 Resp: 642178
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.8





#43
Isopropyl Acetate
Concen: 39.312 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

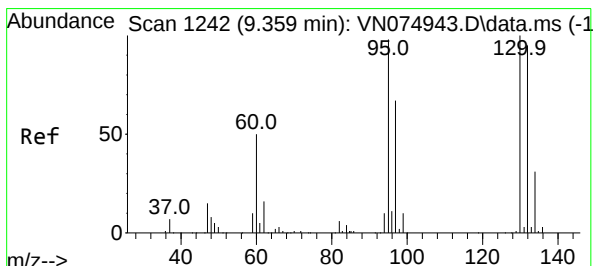
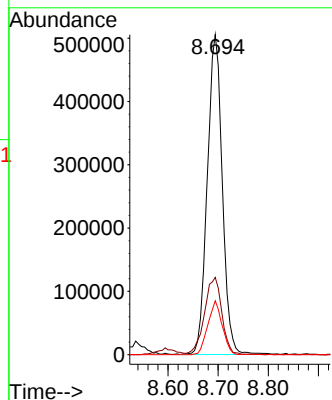
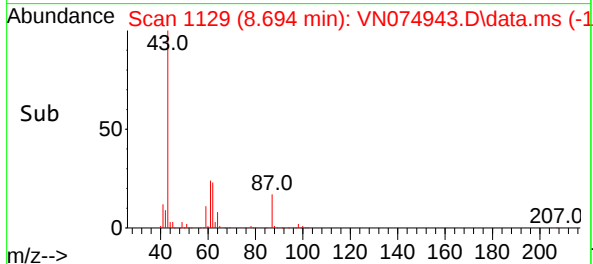
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



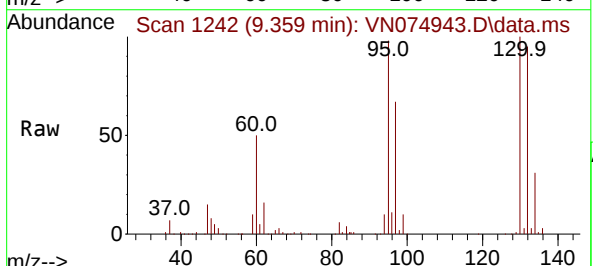
Tgt Ion: 43 Resp: 1053220
Ion Ratio Lower Upper
43 100
61 27.9 22.3 33.5
87 16.0 12.8 19.2

Manual Integrations
APPROVED

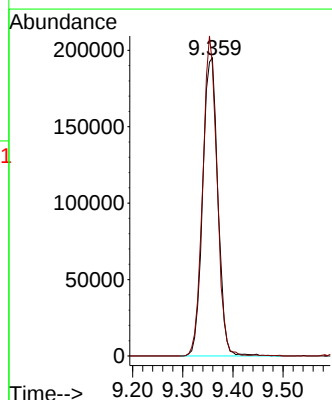
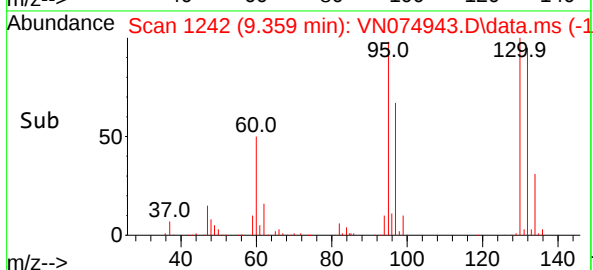
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

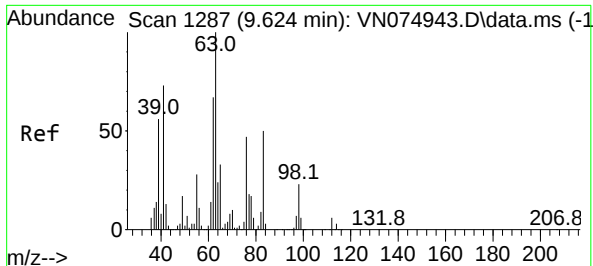


#44
Trichloroethene
Concen: 45.919 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40



Tgt Ion:130 Resp: 410393
Ion Ratio Lower Upper
130 100
95 97.9 0.0 195.8





#45

1,2-Dichloropropane

Concen: 41.739 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN074943.D

Acq: 20 Oct 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 44701

Ion Ratio Lower Upper

63 100

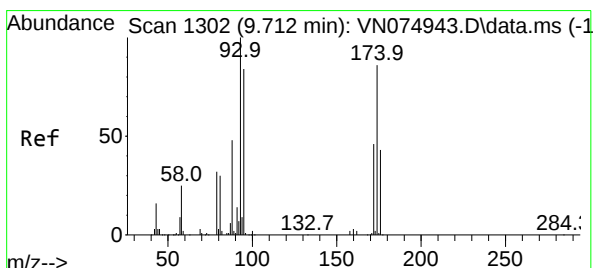
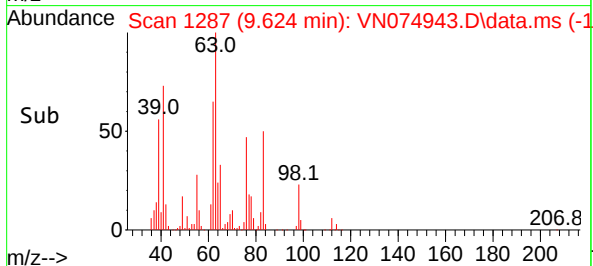
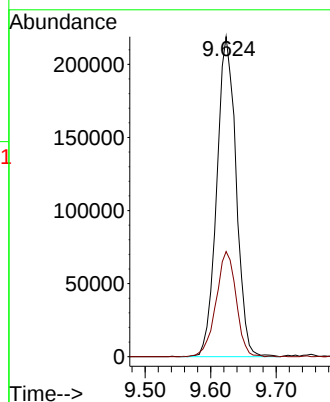
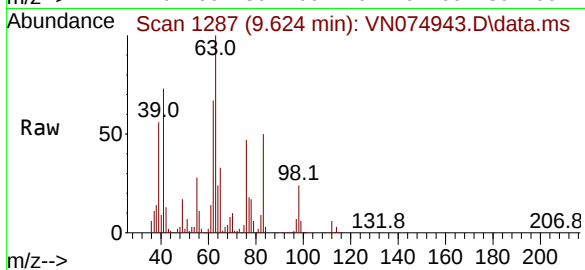
65 32.9 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#46

Dibromomethane

Concen: 48.184 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN074943.D

Acq: 20 Oct 2022 15:40

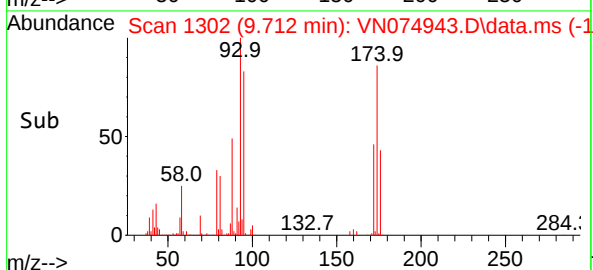
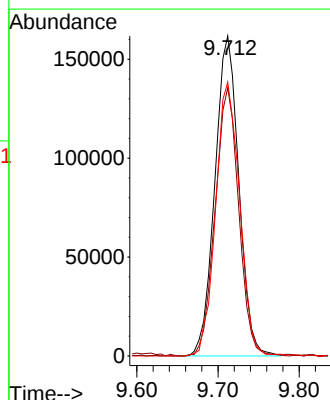
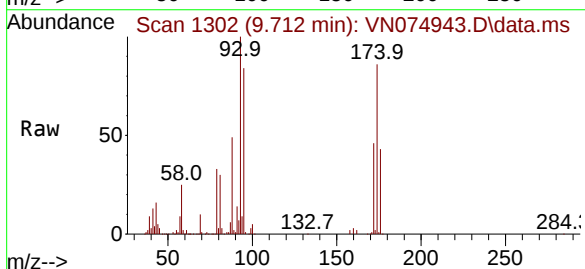
Tgt Ion: 93 Resp: 331330

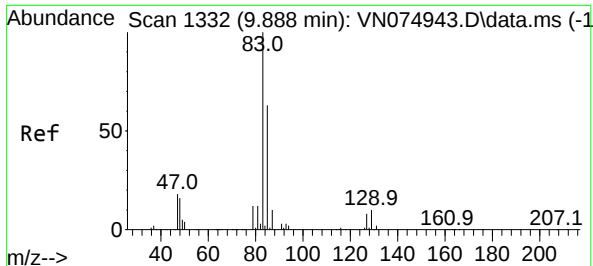
Ion Ratio Lower Upper

93 100

95 82.5 66.0 99.0

174 86.0 68.8 103.2





#47

Bromodichloromethane

Concen: 49.511 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. 0.000 min

Lab File: VN074943.D

Acq: 20 Oct 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 68305

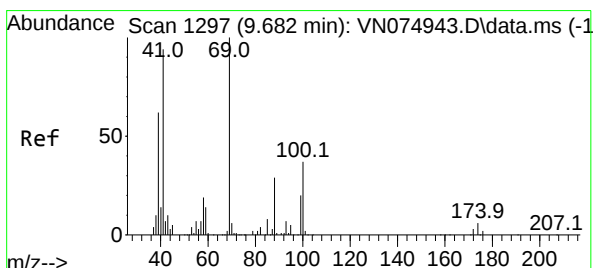
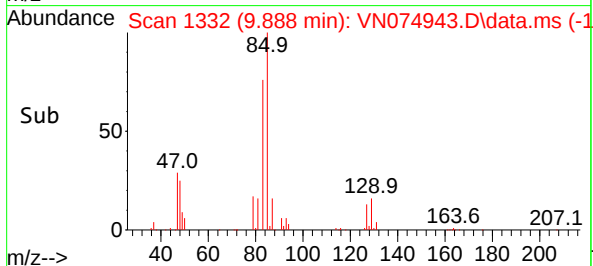
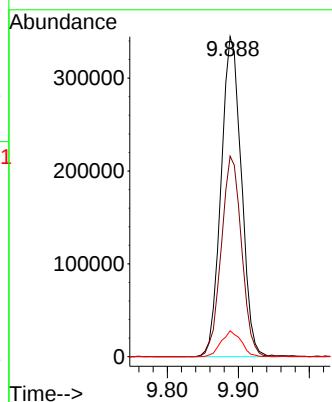
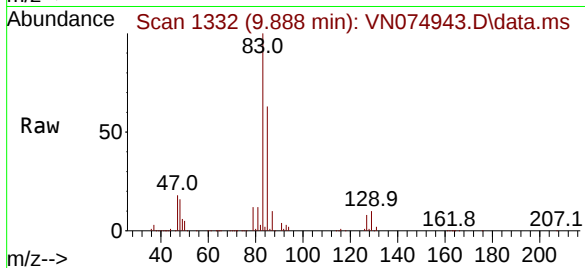
Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.1	75.1
127	8.1	6.5	9.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#48

Methyl methacrylate

Concen: 39.083 ug/l

RT: 9.682 min Scan# 1297

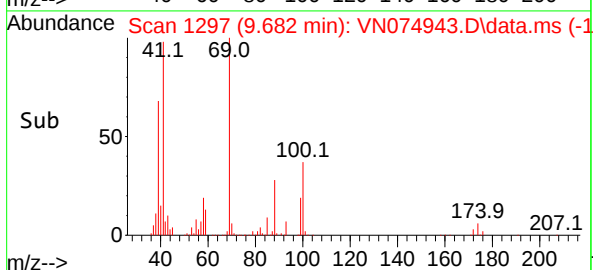
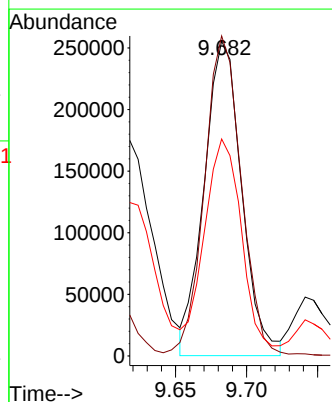
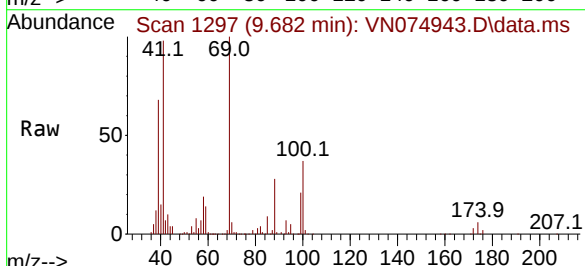
Delta R.T. 0.000 min

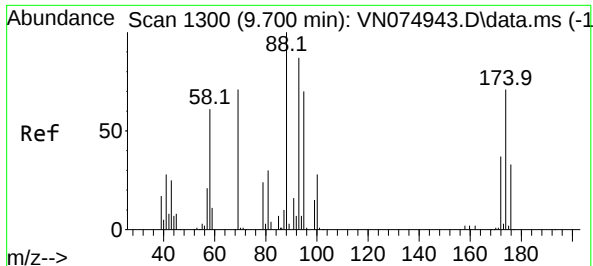
Lab File: VN074943.D

Acq: 20 Oct 2022 15:40

Tgt Ion: 41 Resp: 468497

Ion	Ratio	Lower	Upper
41	100		
69	99.6	79.7	119.5
39	68.9	55.1	82.7





#49

1,4-Dioxane

Concen: 1041.926 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN074943.D

Acq: 20 Oct 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 280200

Ion Ratio Lower Upper

88 100

43 26.4 21.1 31.7

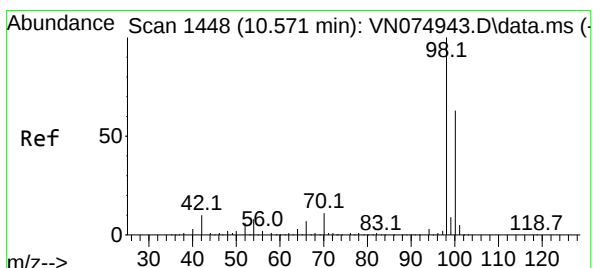
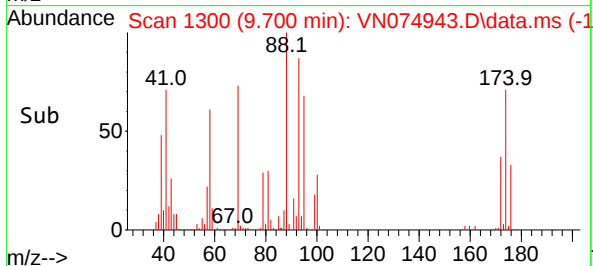
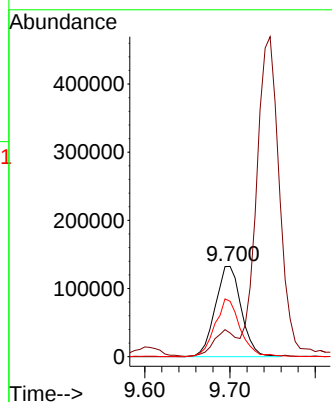
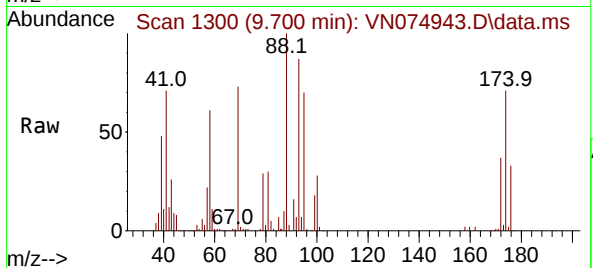
58 62.3 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#50

Toluene-d8

Concen: 50.200 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN074943.D

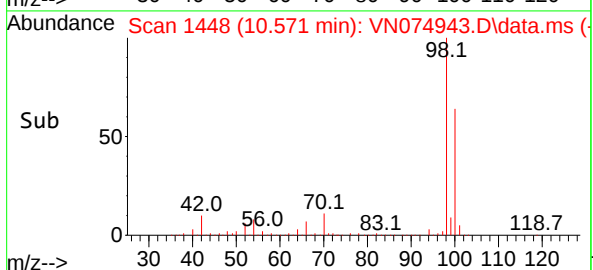
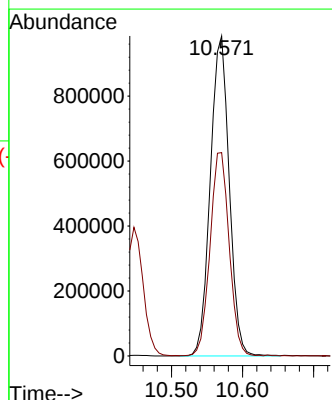
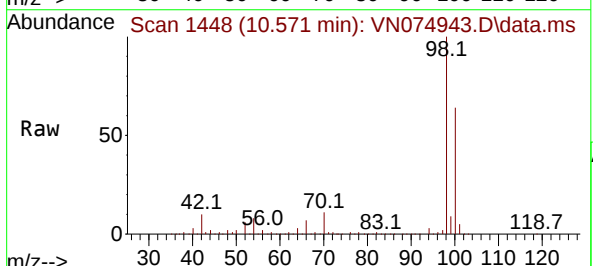
Acq: 20 Oct 2022 15:40

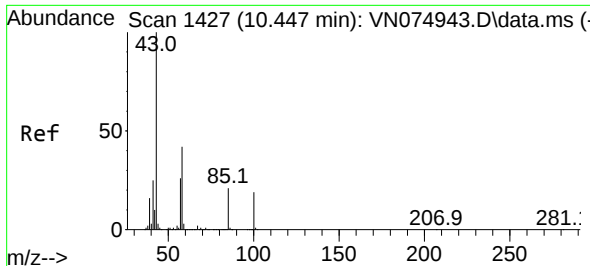
Tgt Ion: 98 Resp: 1819051

Ion Ratio Lower Upper

98 100

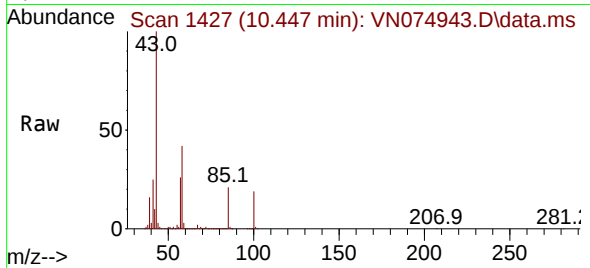
100 64.3 51.4 77.2





#51
4-Methyl-2-Pentanone
Concen: 207.690 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

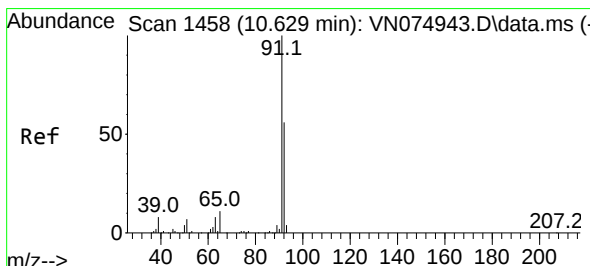
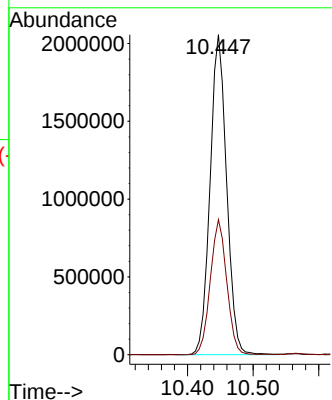
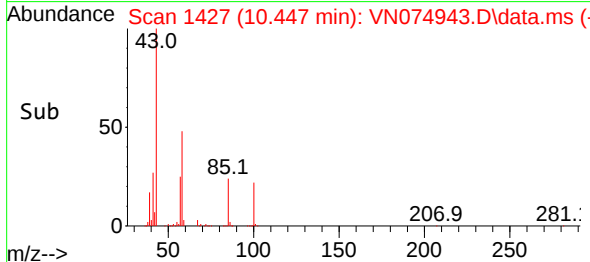
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



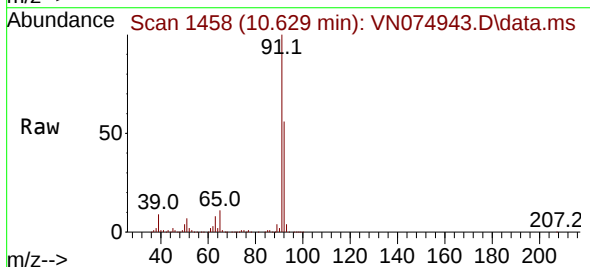
Tgt Ion: 43 Resp: 3600194
Ion Ratio Lower Upper
43 100
58 42.0 33.6 50.4

Manual Integrations
APPROVED

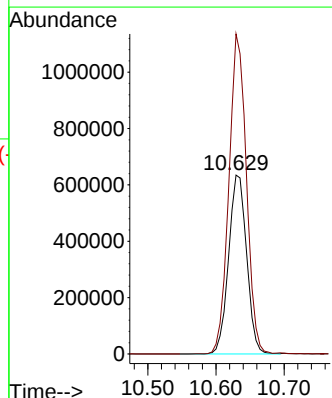
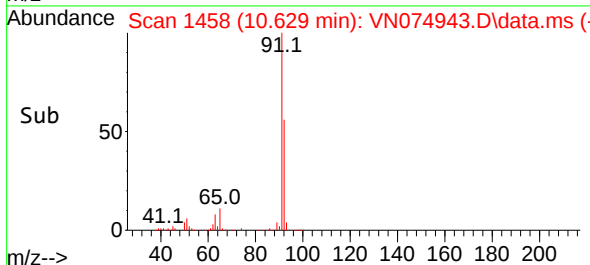
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

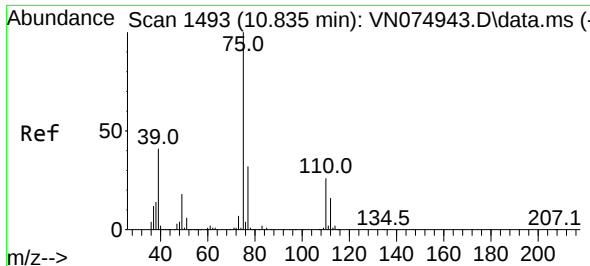


#52
Toluene
Concen: 47.906 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40



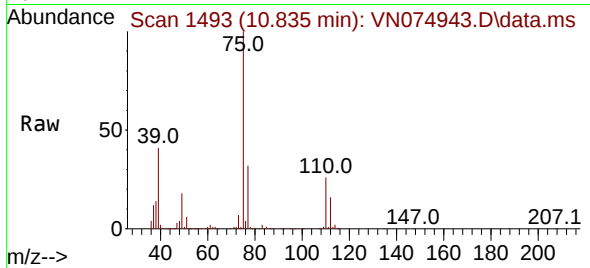
Tgt Ion: 92 Resp: 1166635
Ion Ratio Lower Upper
92 100
91 174.0 139.2 208.8





#53
 t-1,3-Dichloropropene
 Concen: 50.826 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN074943.D
 Acq: 20 Oct 2022 15:40

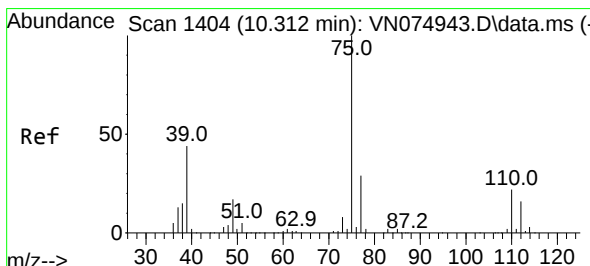
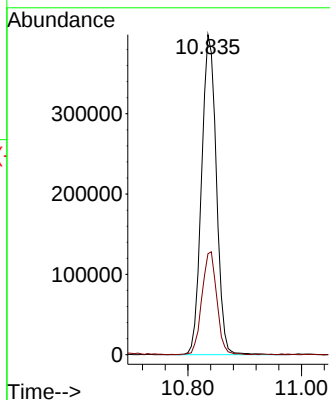
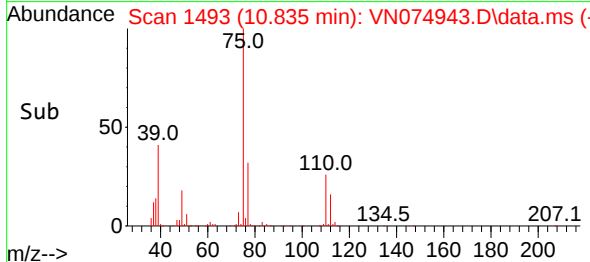
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 75 Resp: 719472
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8

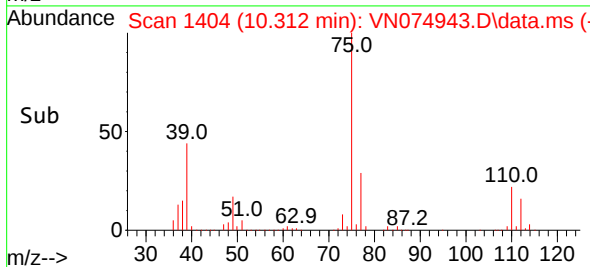
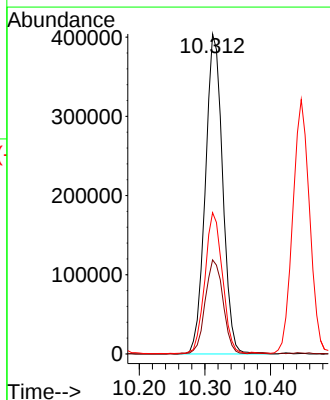
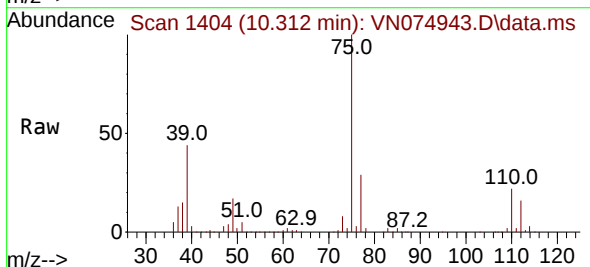
Manual Integrations
 APPROVED

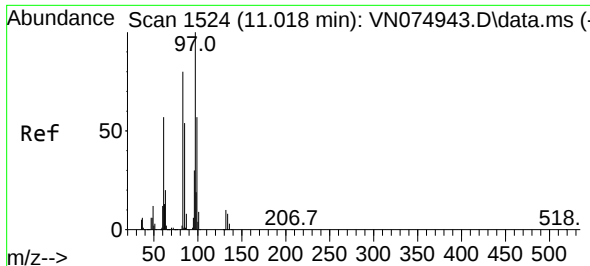
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#54
 cis-1,3-Dichloropropene
 Concen: 48.709 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. 0.000 min
 Lab File: VN074943.D
 Acq: 20 Oct 2022 15:40

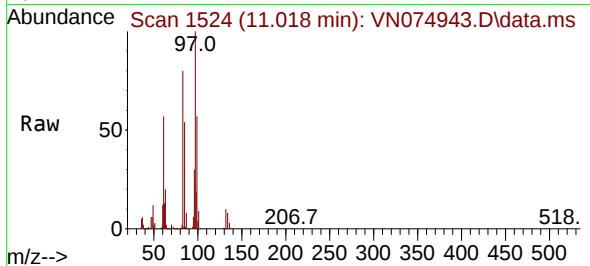
Tgt Ion: 75 Resp: 743989
 Ion Ratio Lower Upper
 75 100
 77 29.4 23.5 35.3
 39 43.9 35.1 52.7





#55
1,1,2-Trichloroethane
Concen: 49.728 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

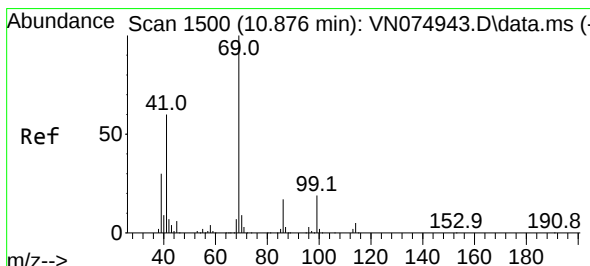
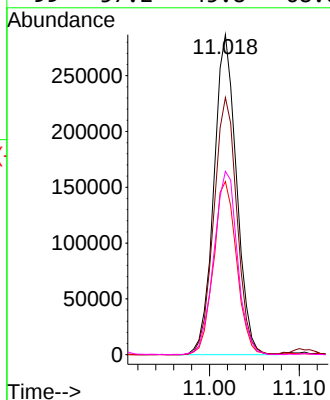
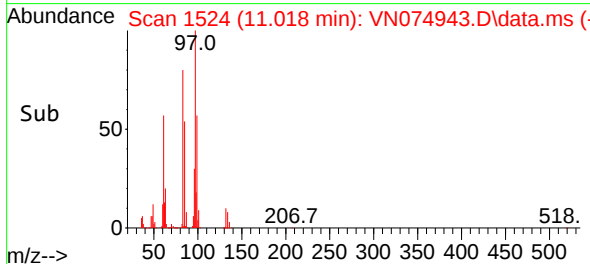
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



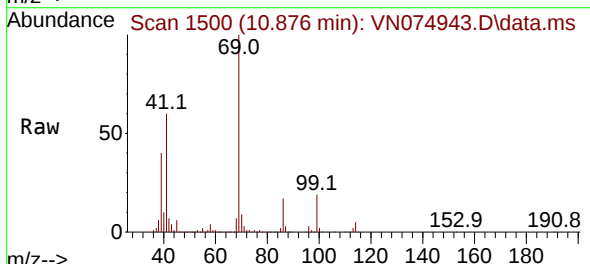
Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.3	64.2	96.4
85	54.1	43.3	64.9
99	57.2	45.8	68.6

Manual Integrations
APPROVED

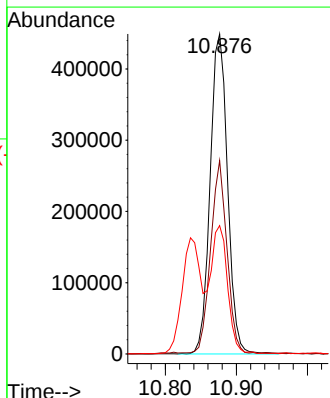
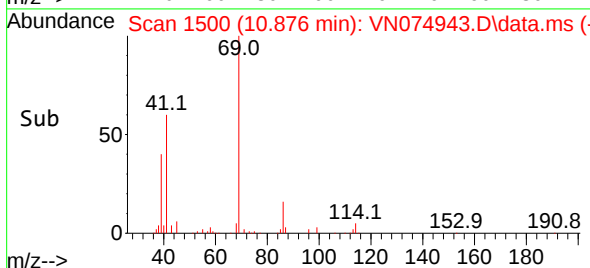
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

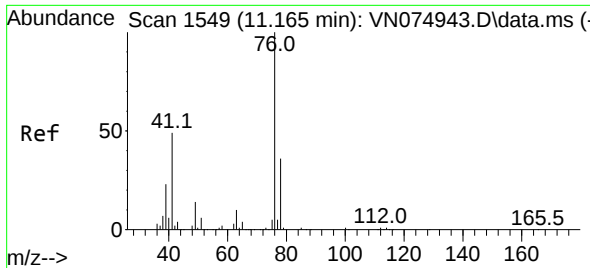


#56
Ethyl methacrylate
Concen: 47.561 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40



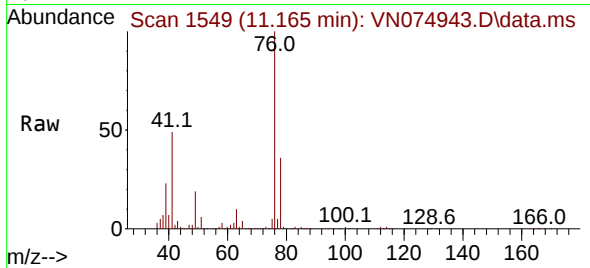
Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.4	45.1	67.7
39	40.0	32.0	48.0





#57
1,3-Dichloropropane
Concen: 46.281 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

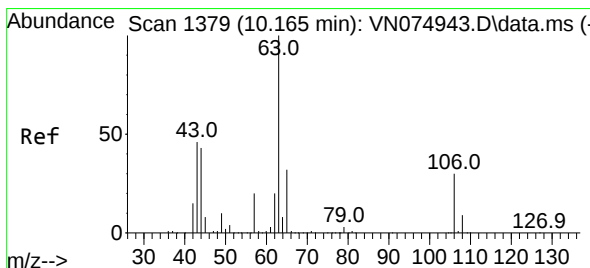
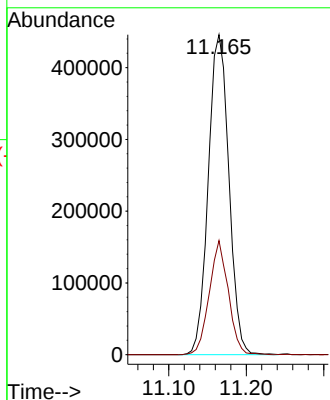
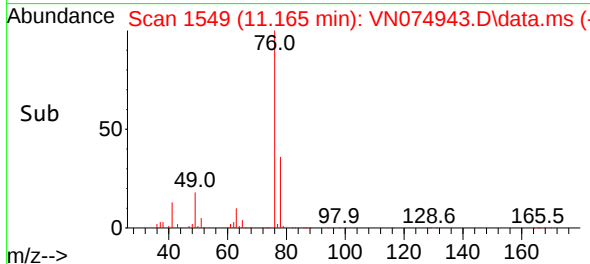
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 823579
Ion Ratio Lower Upper
76 100
78 33.0 26.4 39.6

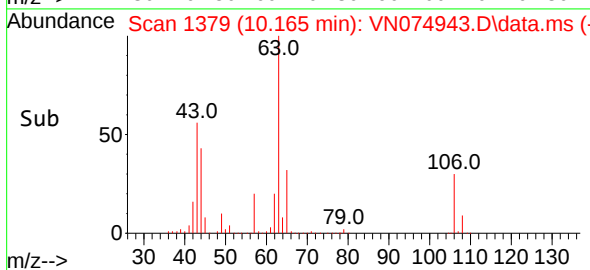
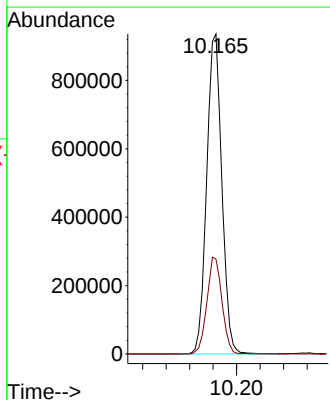
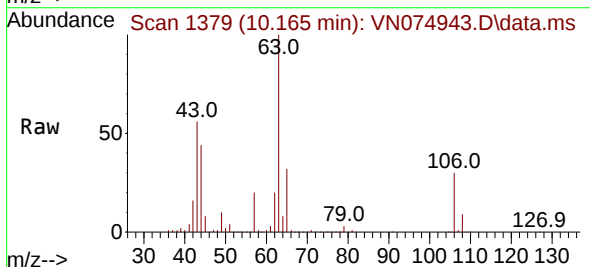
Manual Integrations
APPROVED

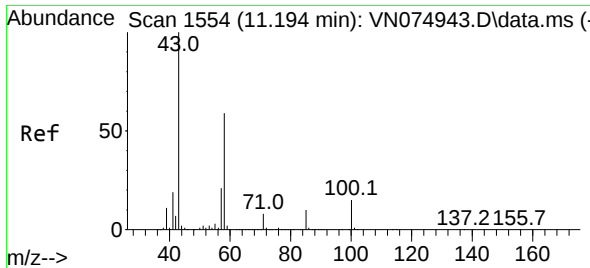
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#58
2-Chloroethyl Vinyl ether
Concen: 254.207 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

Tgt Ion: 63 Resp: 1674152
Ion Ratio Lower Upper
63 100
106 30.1 24.1 36.1





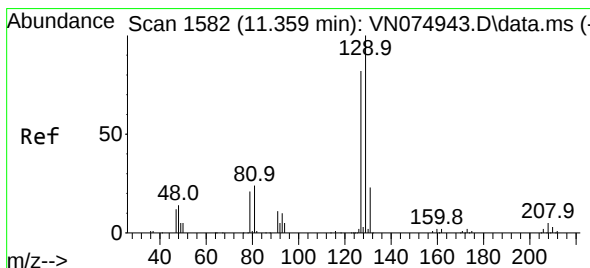
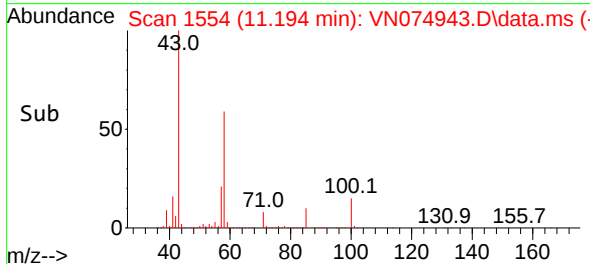
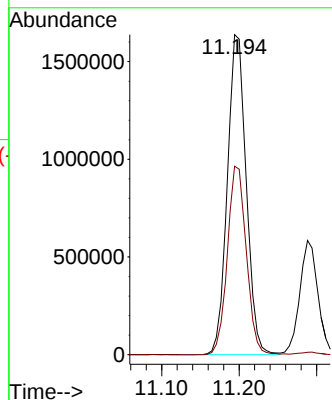
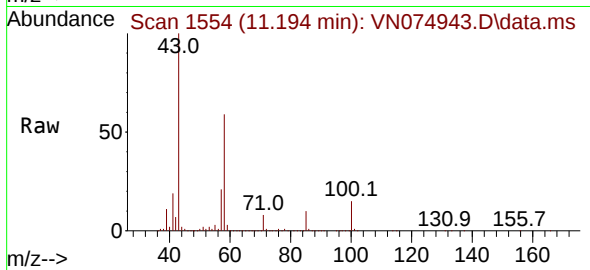
#59
2-Hexanone
Concen: 218.128 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 2780814
Ion Ratio Lower Upper
43 100
58 59.0 29.5 88.5

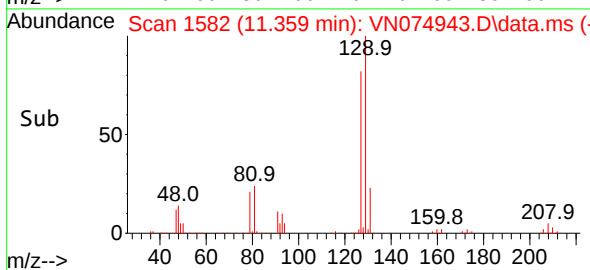
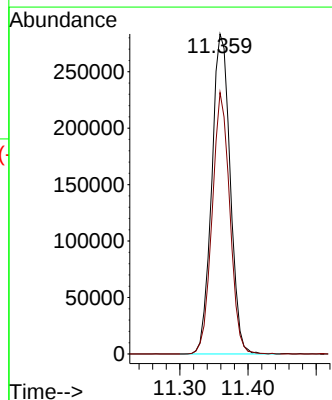
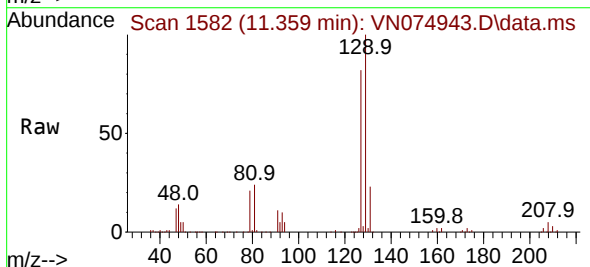
Manual Integrations
APPROVED

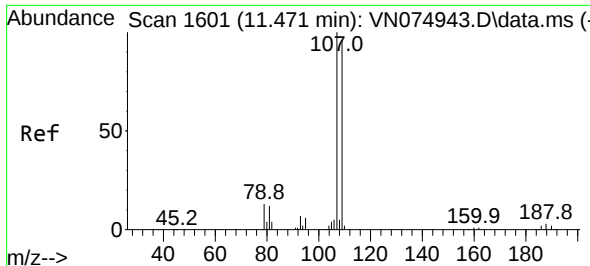
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#60
Dibromochloromethane
Concen: 54.150 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

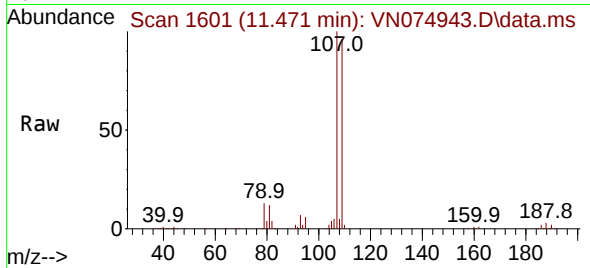
Tgt Ion:129 Resp: 534287
Ion Ratio Lower Upper
129 100
127 77.9 39.0 116.9





#61
1,2-Dibromoethane
Concen: 51.281 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

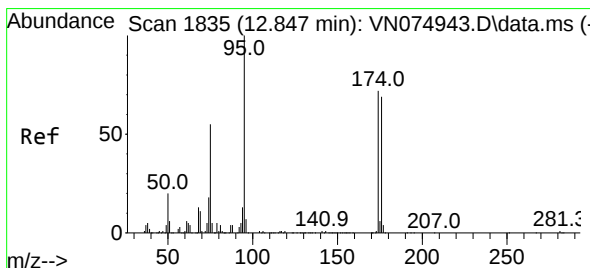
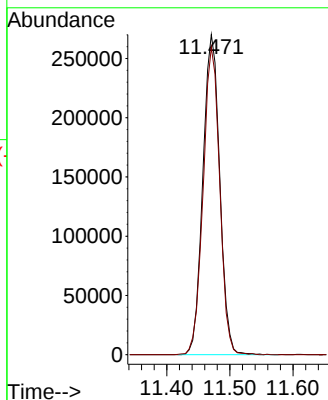
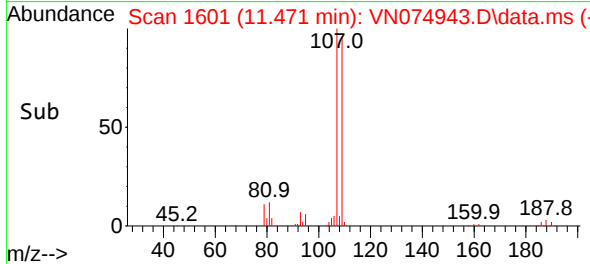
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



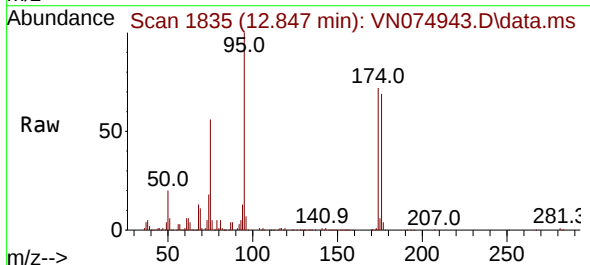
Tgt Ion:107 Resp: 50128
Ion Ratio Lower Upper
107 100
109 94.4 75.5 113.3

Manual Integrations
APPROVED

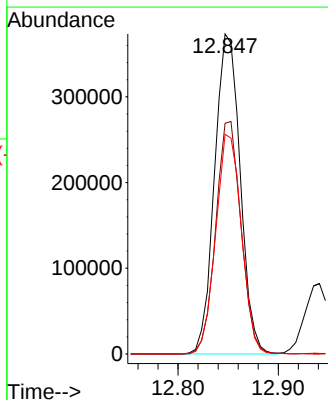
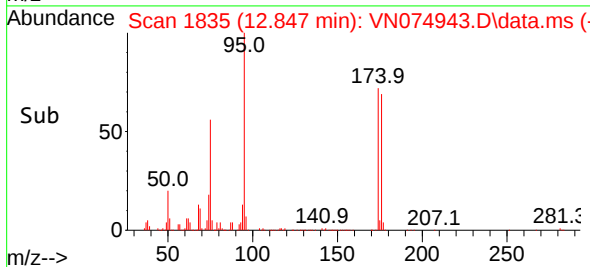
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

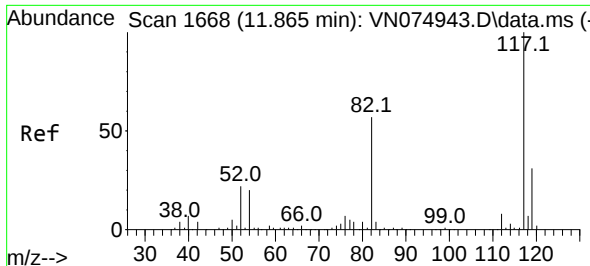


#62
4-Bromofluorobenzene
Concen: 63.570 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40



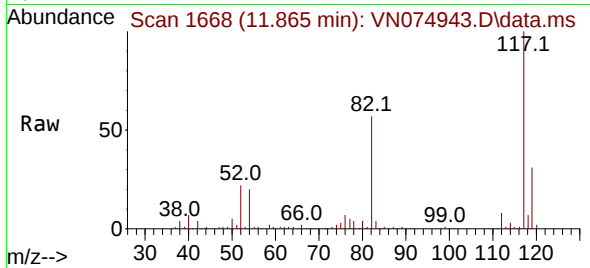
Tgt Ion: 95 Resp: 662268
Ion Ratio Lower Upper
95 100
174 71.5 0.0 143.0
176 69.1 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

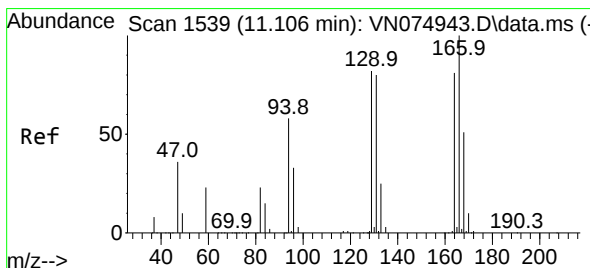
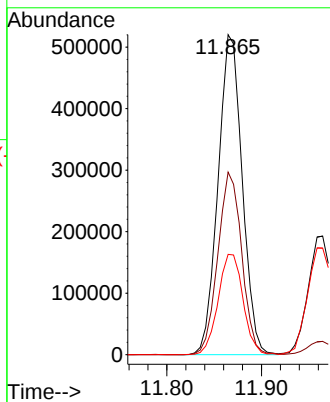
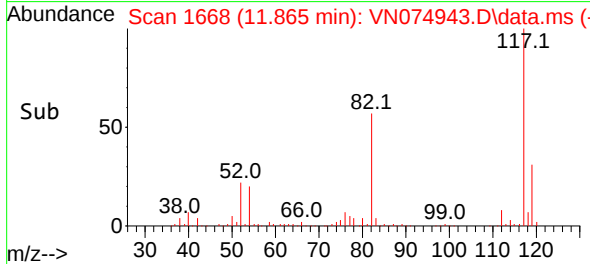
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 92368
Ion Ratio Lower Upper
117 100
82 57.0 45.6 68.4
119 31.4 25.1 37.7

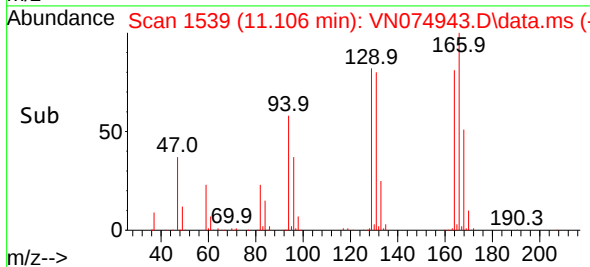
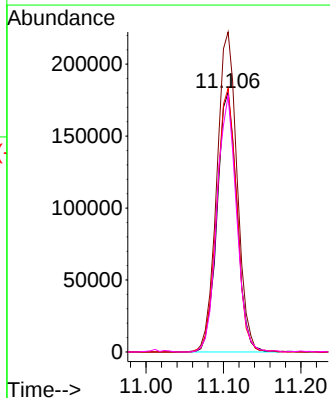
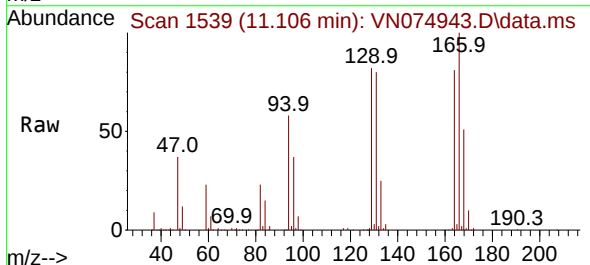
Manual Integrations
APPROVED

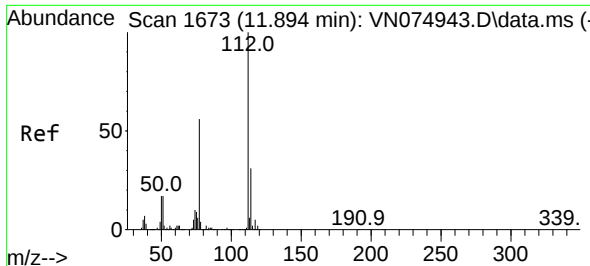
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#64
Tetrachloroethene
Concen: 41.638 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

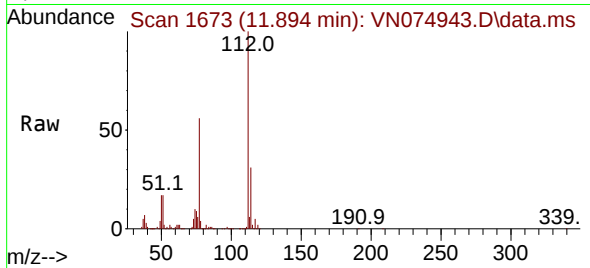
Tgt Ion:164 Resp: 319798
Ion Ratio Lower Upper
164 100
166 123.3 98.6 148.0
129 101.5 81.2 121.8
131 98.8 79.0 118.6





#65
Chlorobenzene
Concen: 48.625 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

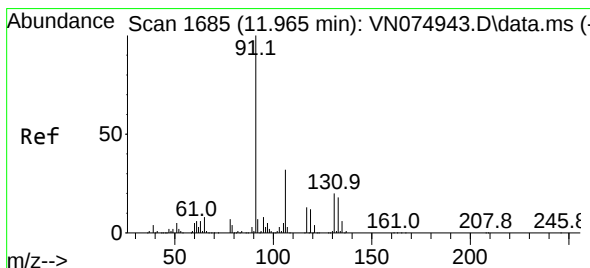
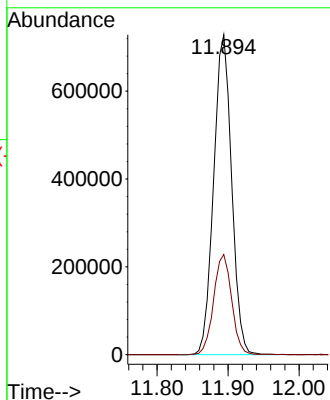
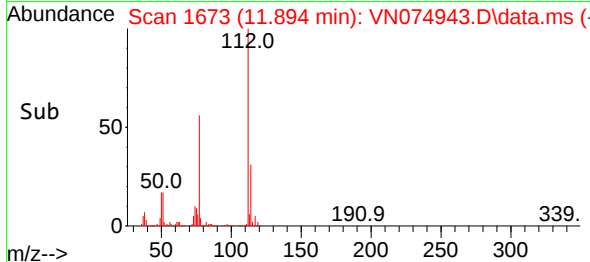
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



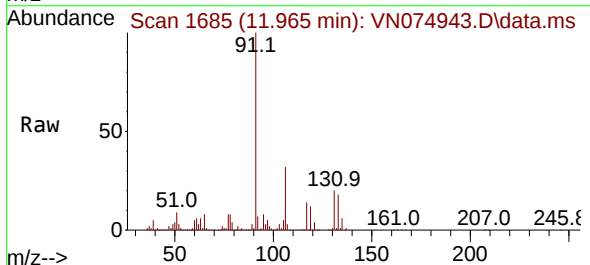
Tgt Ion:112 Resp: 1275120
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.6

Manual Integrations
APPROVED

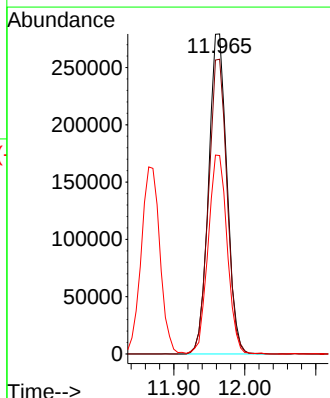
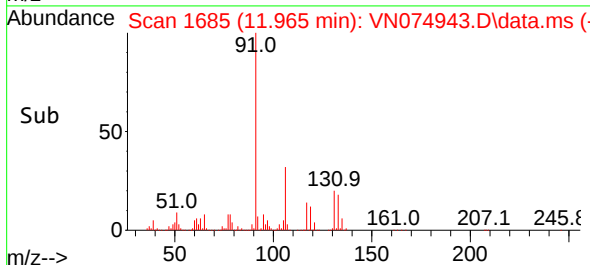
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

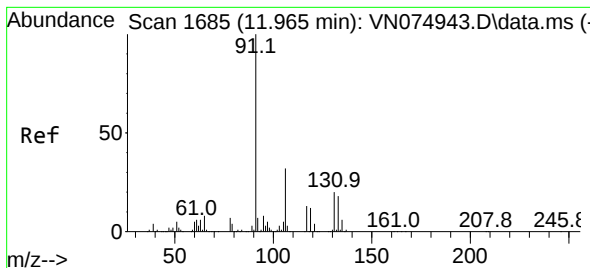


#66
1,1,1,2-Tetrachloroethane
Concen: 51.475 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40



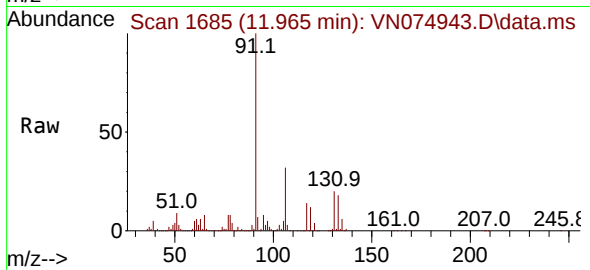
Tgt Ion:131 Resp: 500133
Ion Ratio Lower Upper
131 100
133 93.1 46.6 139.7
119 64.7 32.4 97.0





#67
Ethyl Benzene
Concen: 51.052 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

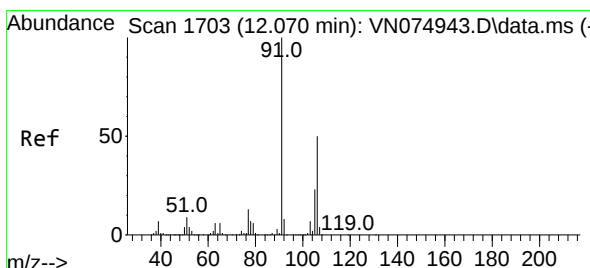
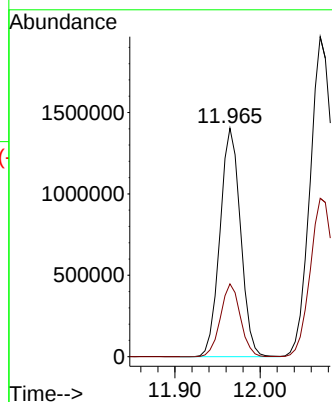
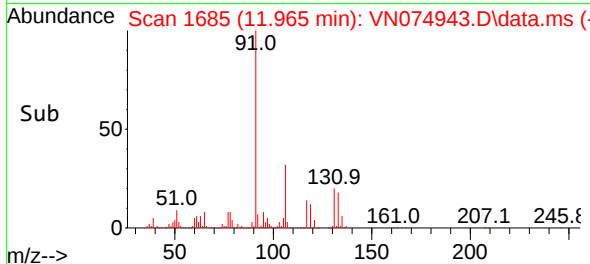
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 2353362
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2

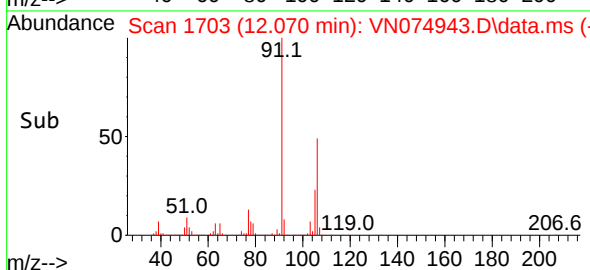
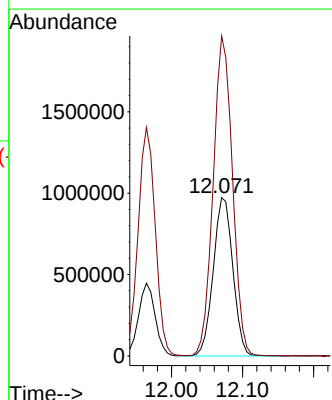
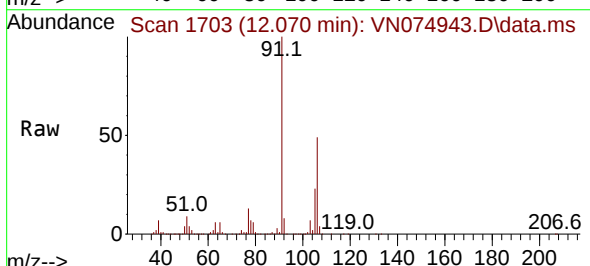
Manual Integrations
APPROVED

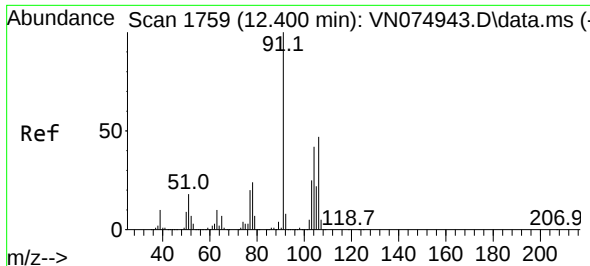
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#68
m/p-Xylenes
Concen: 106.385 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

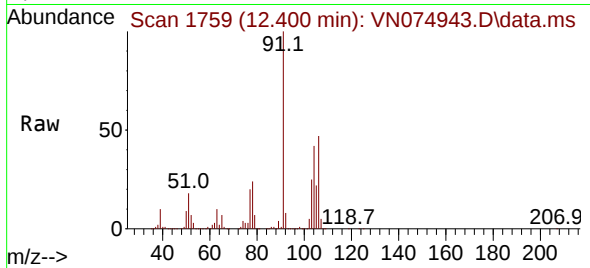
Tgt Ion:106 Resp: 1856146
Ion Ratio Lower Upper
106 100
91 199.6 159.7 239.5





#69
o-Xylene
Concen: 52.014 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

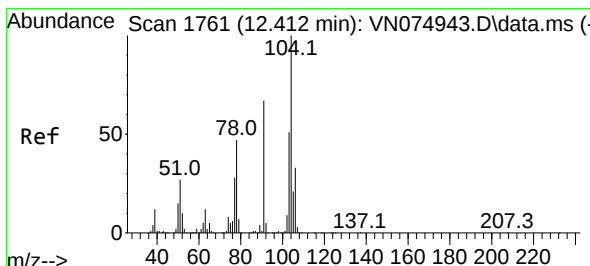
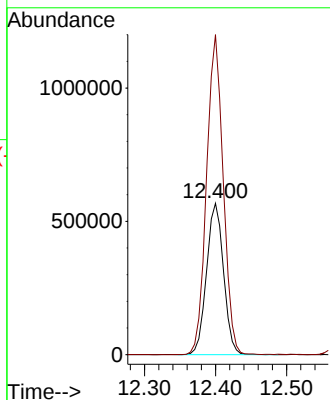
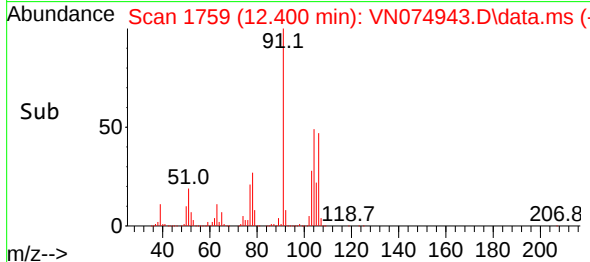
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 943180
Ion Ratio Lower Upper
106 100
91 207.1 103.6 310.7

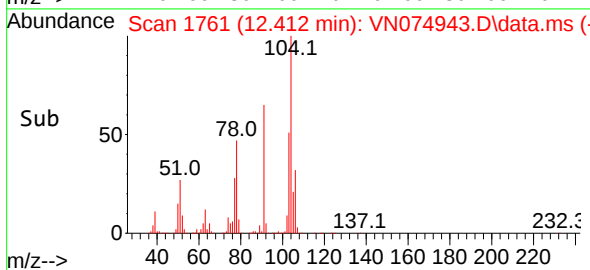
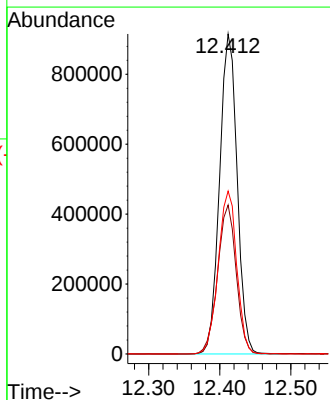
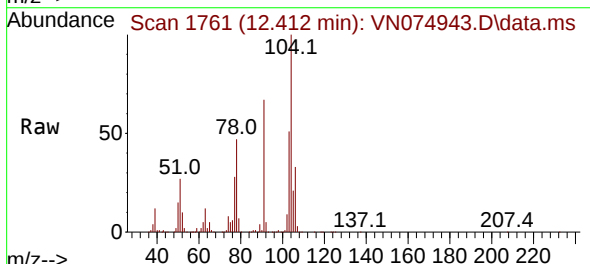
Manual Integrations
APPROVED

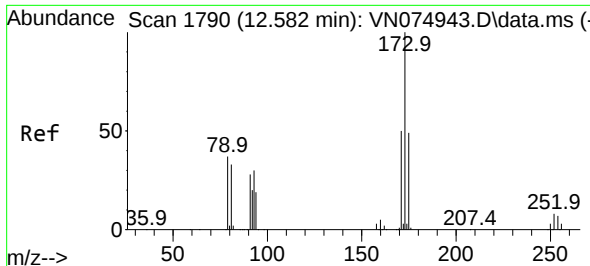
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#70
Styrene
Concen: 55.593 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

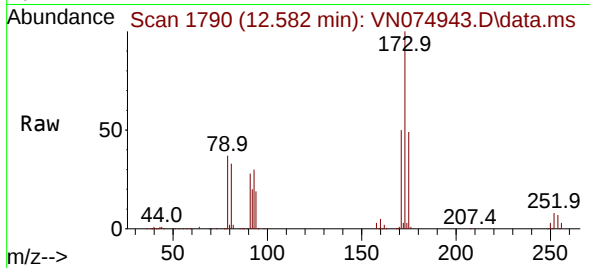
Tgt Ion:104 Resp: 1568590
Ion Ratio Lower Upper
104 100
78 49.3 39.4 59.2
103 53.7 43.0 64.4





#71
Bromoform
Concen: 56.592 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

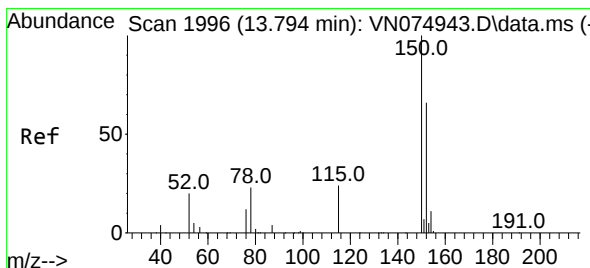
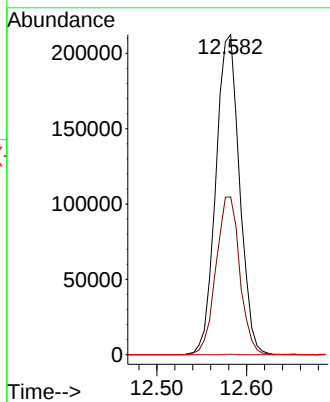
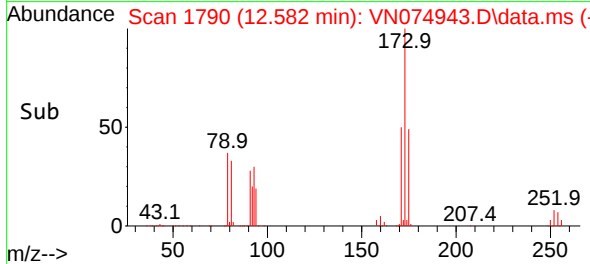
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



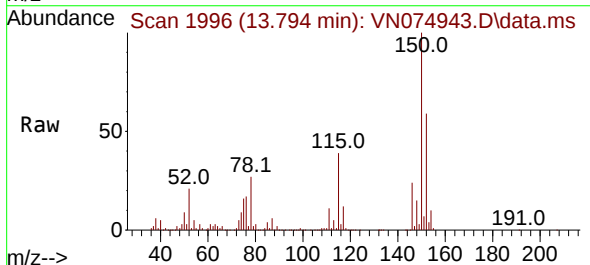
Tgt Ion:173 Resp: 389372
Ion Ratio Lower Upper
173 100
175 49.5 24.8 74.3
254 0.1 0.1 0.1

Manual Integrations
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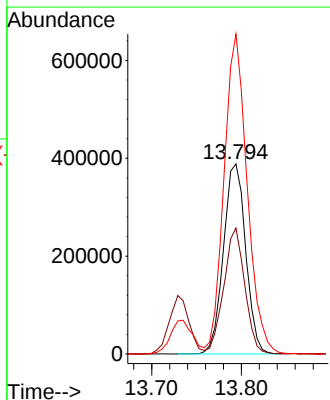
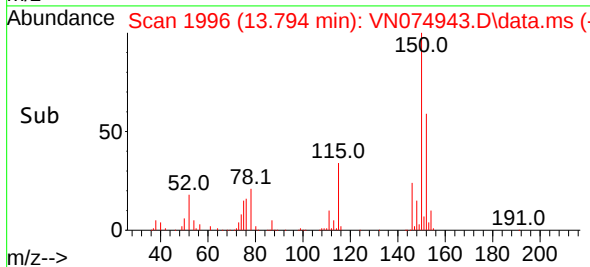
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

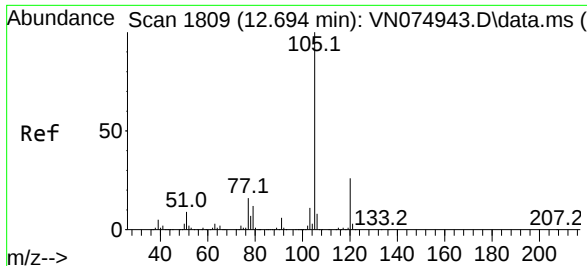


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40



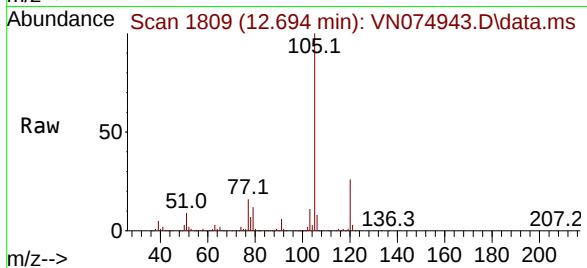
Tgt Ion:152 Resp: 669285
Ion Ratio Lower Upper
152 100
115 62.5 31.3 93.8
150 174.8 0.0 349.6





#73
Isopropylbenzene
Concen: 40.649 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

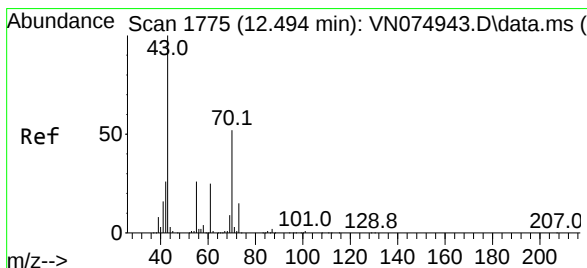
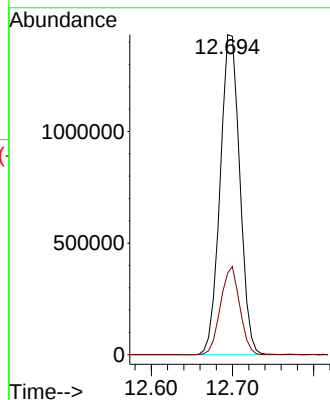
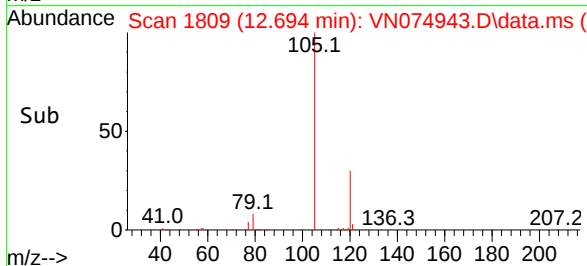
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



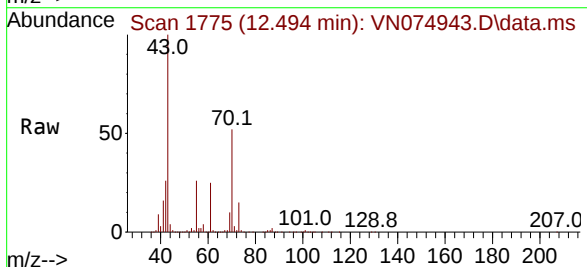
Tgt Ion:105 Resp: 241778
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

Manual Integrations
APPROVED

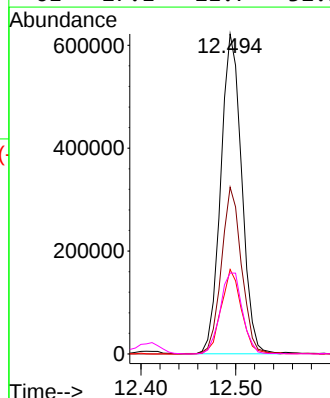
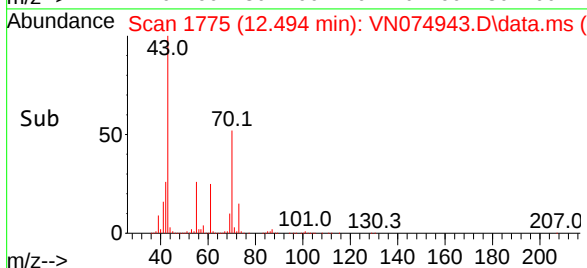
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

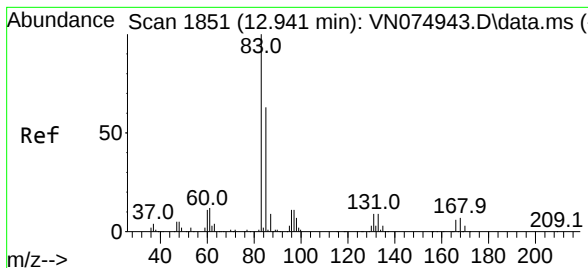


#74
N-ethyl acetate
Concen: 32.494 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40



Tgt Ion: 43 Resp: 954879
Ion Ratio Lower Upper
43 100
70 50.2 40.2 60.2
55 25.8 20.6 31.0
61 27.1 21.7 32.5





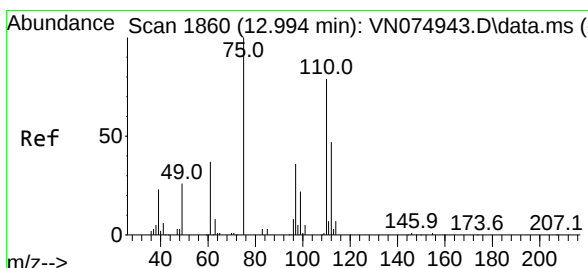
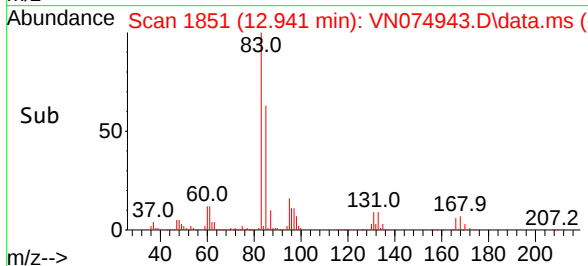
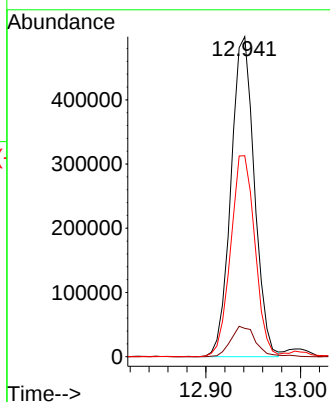
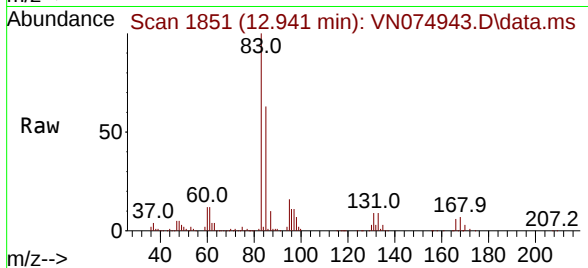
#75
1,1,2,2-Tetrachloroethane
Concen: 36.869 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 85559
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 65.1 32.6 97.7

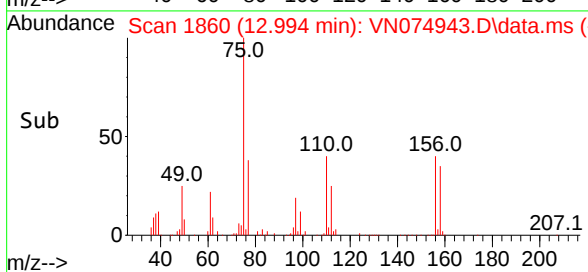
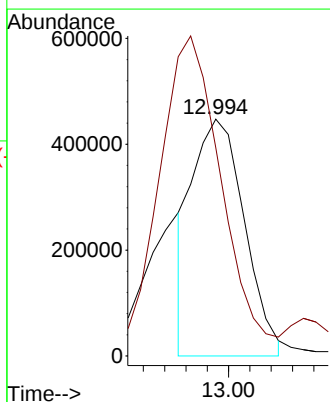
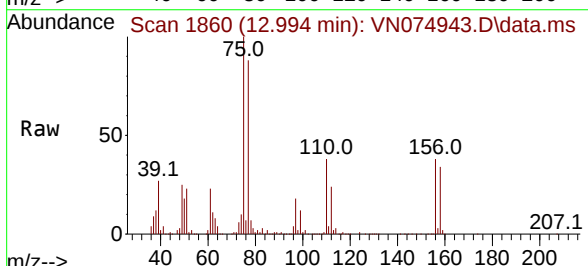
Manual Integrations
APPROVED

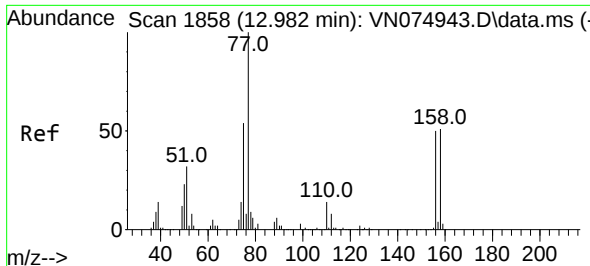
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#76
1,2,3-Trichloropropane
Concen: 45.116 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

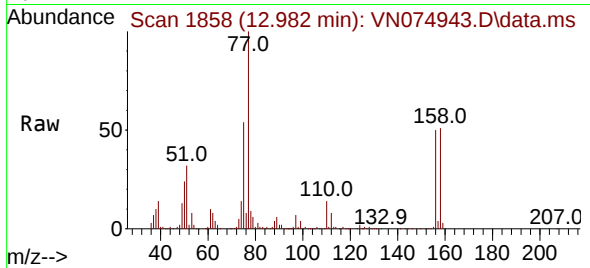
Tgt Ion: 75 Resp: 758944
Ion Ratio Lower Upper
75 100
77 163.3 81.0 243.0





#77
Bromobenzene
Concen: 39.934 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

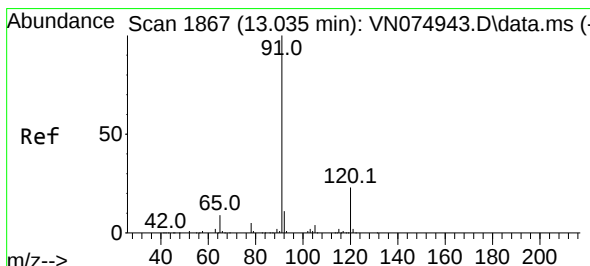
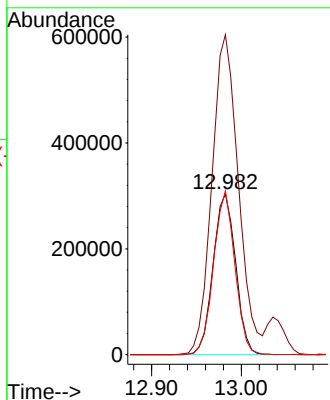
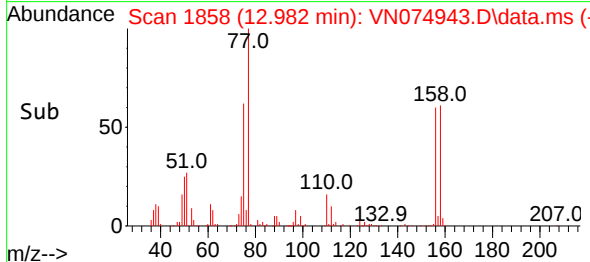
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



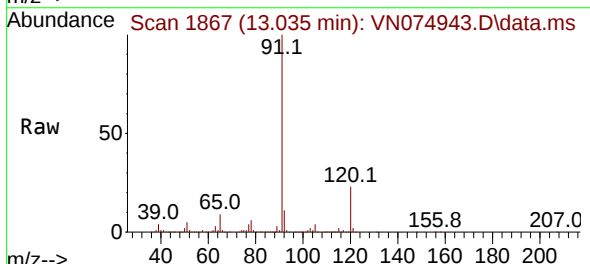
Tgt Ion:156 Resp: 529074
Ion Ratio Lower Upper
156 100
77 234.2 117.1 351.3
158 96.6 48.3 144.9

Manual Integrations
APPROVED

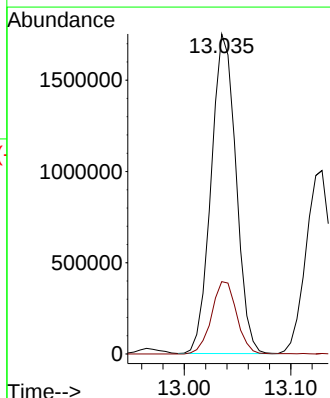
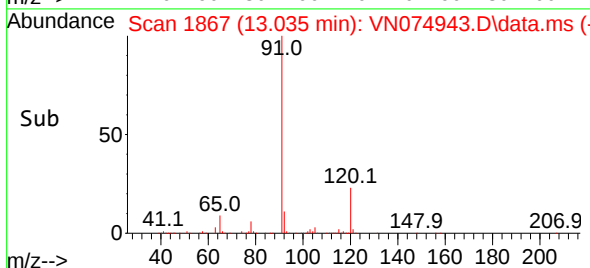
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

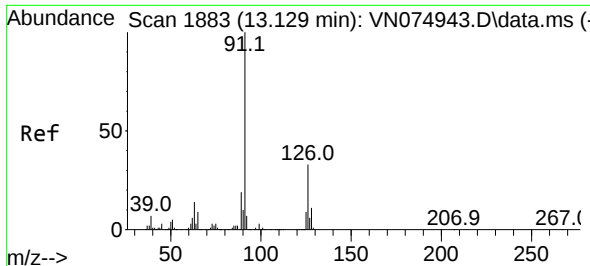


#78
n-propylbenzene
Concen: 42.450 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40



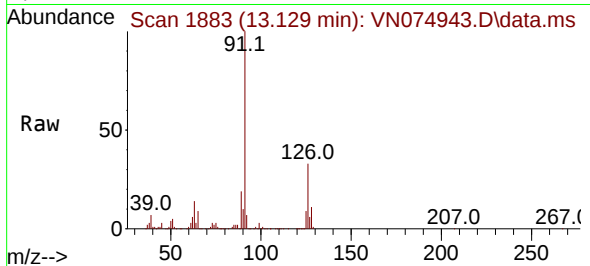
Tgt Ion: 91 Resp: 2833300
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





#79
2-Chlorotoluene
Concen: 45.049 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

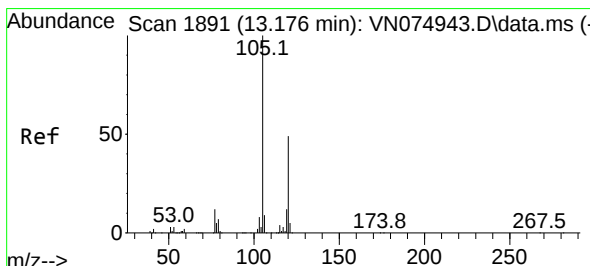
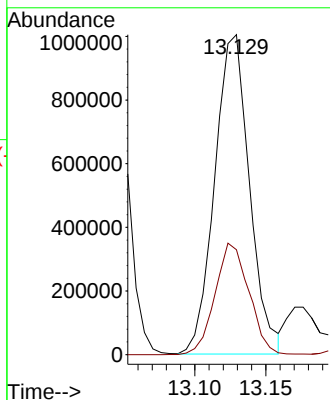
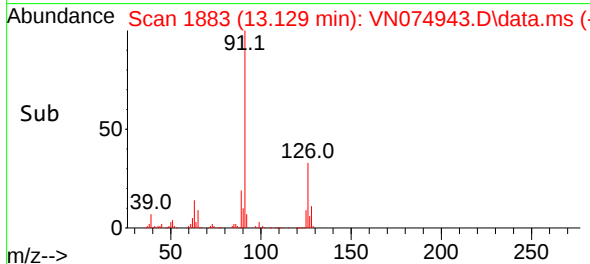
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



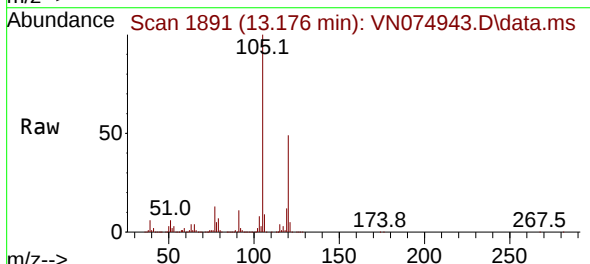
Tgt Ion: 91 Resp: 171156
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0

Manual Integrations
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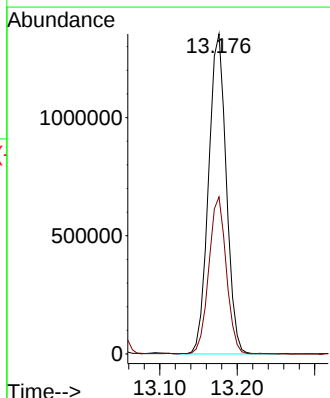
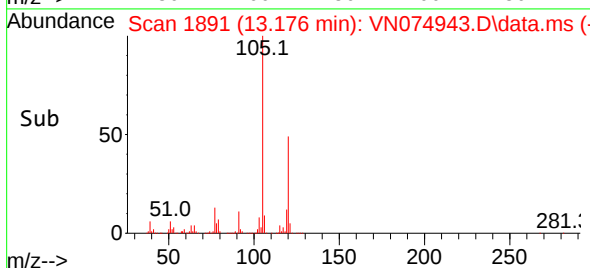
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

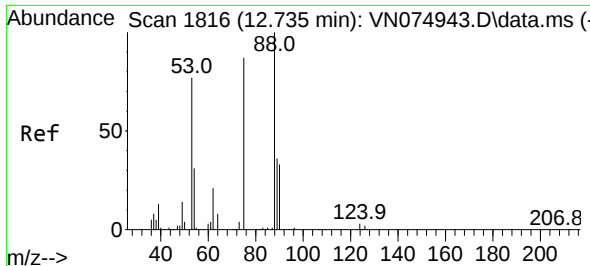


#80
1,3,5-Trimethylbenzene
Concen: 46.140 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40



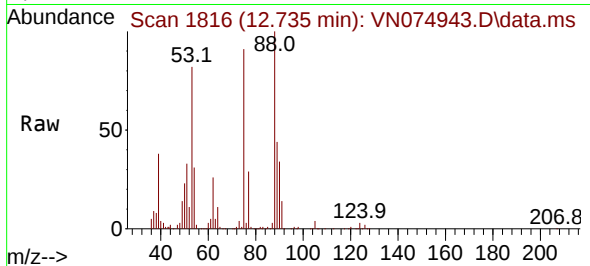
Tgt Ion:105 Resp: 2146075
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 44.922 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

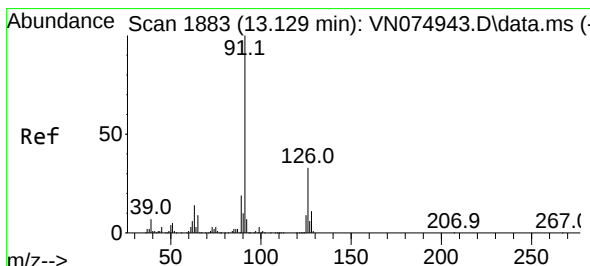
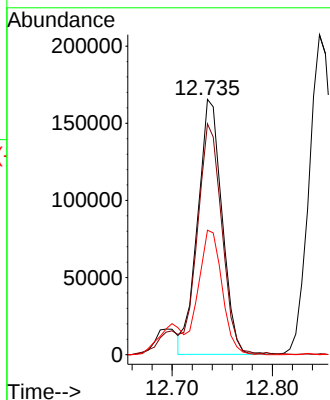
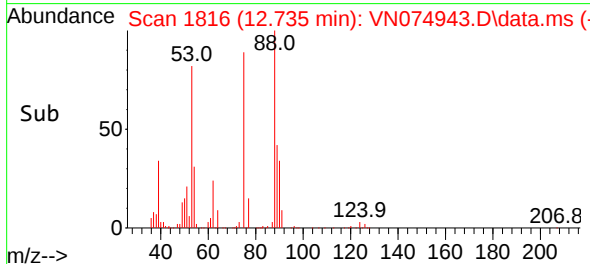
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



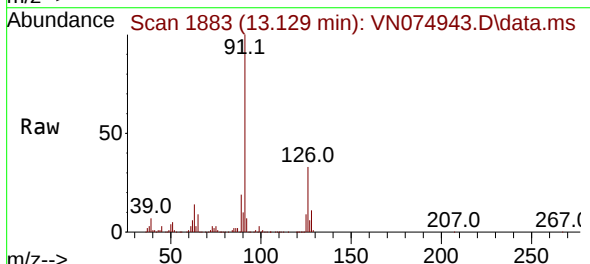
Tgt Ion: 75 Resp: 27922
Ion Ratio Lower Upper
75 100
53 99.0 79.2 118.8
89 47.4 37.9 56.9

Manual Integrations
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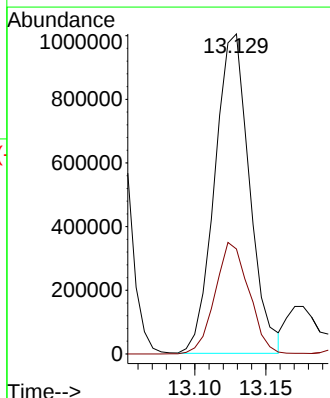
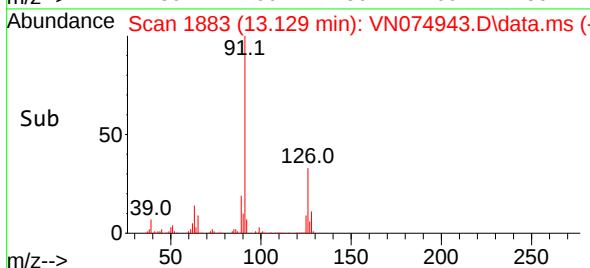
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

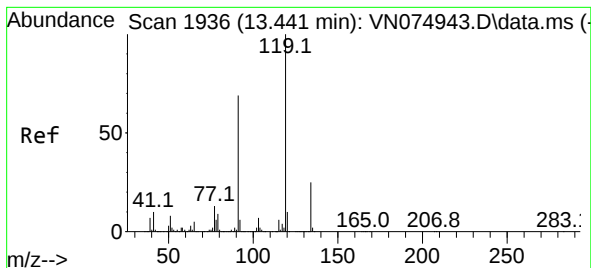


#82
4-Chlorotoluene
Concen: 45.049 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40



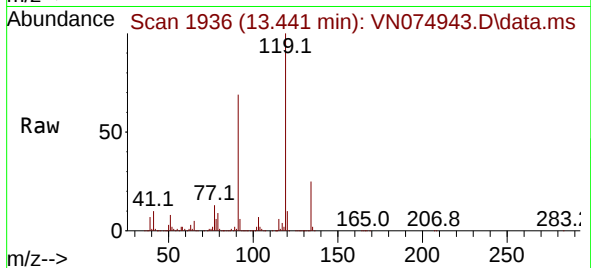
Tgt Ion: 91 Resp: 1711565
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0





#83
 tert-Butylbenzene
 Concen: 44.206 ug/l
 RT: 13.441 min Scan# 1936
 Delta R.T. 0.000 min
 Lab File: VN074943.D
 Acq: 20 Oct 2022 15:40

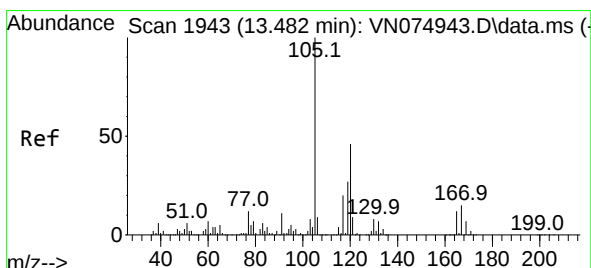
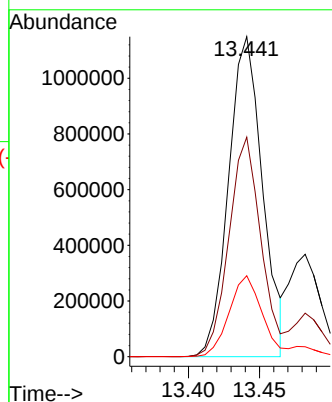
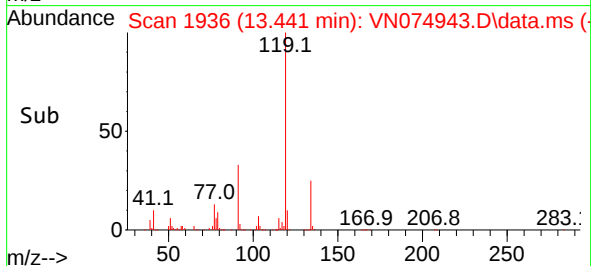
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



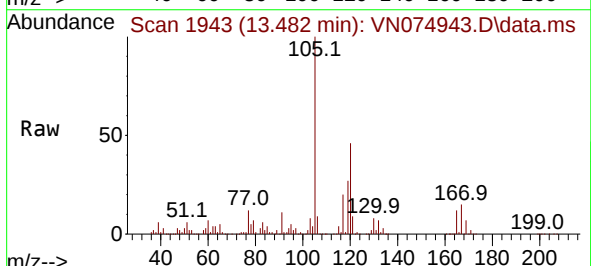
Tgt Ion:119 Resp: 191323
 Ion Ratio Lower Upper
 119 100
 91 66.2 33.1 99.3
 134 24.7 12.4 37.0

Manual Integrations
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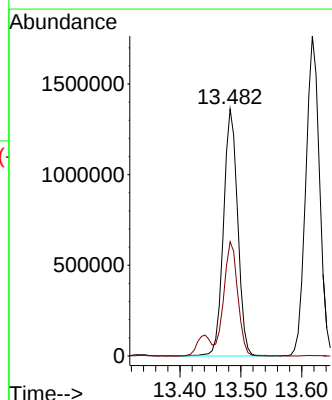
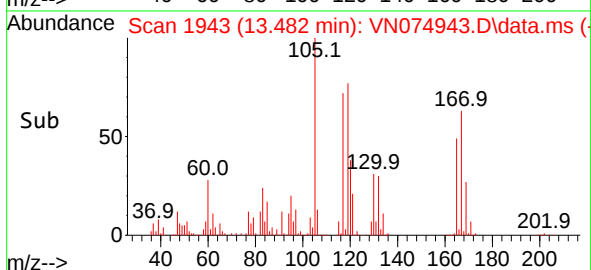
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022

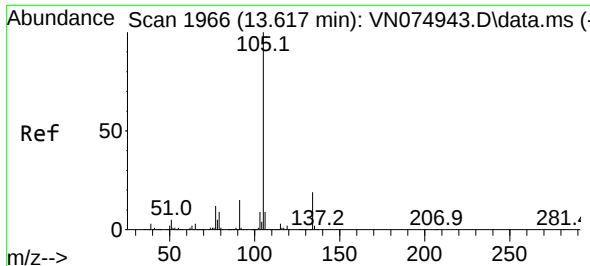


#84
 1,2,4-Trimethylbenzene
 Concen: 49.402 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN074943.D
 Acq: 20 Oct 2022 15:40



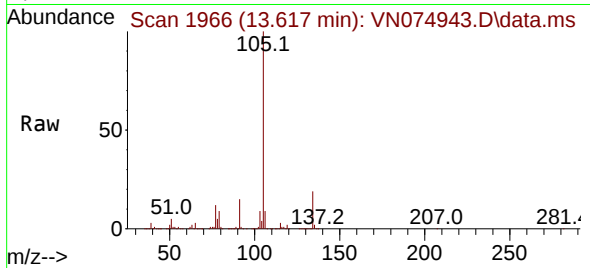
Tgt Ion:105 Resp: 2198498
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 47.064 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074943.D
 Acq: 20 Oct 2022 15:40

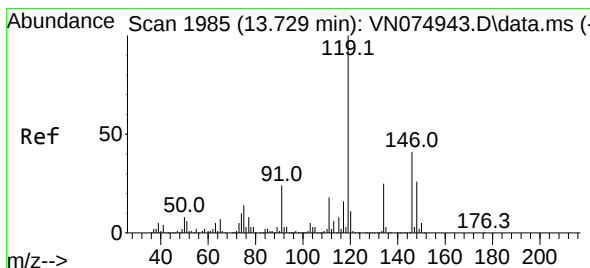
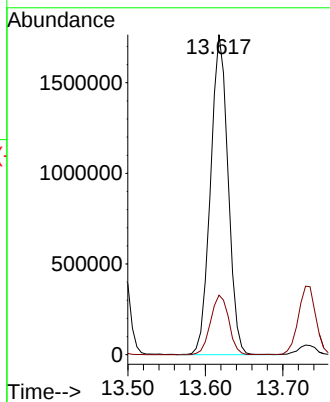
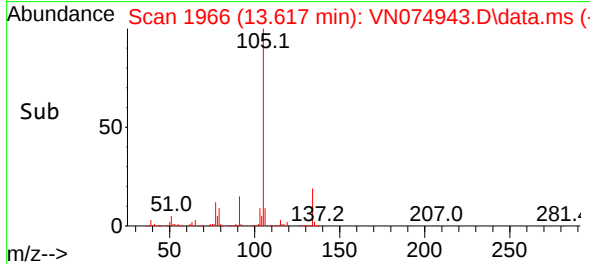
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion:105 Resp: 276790
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1

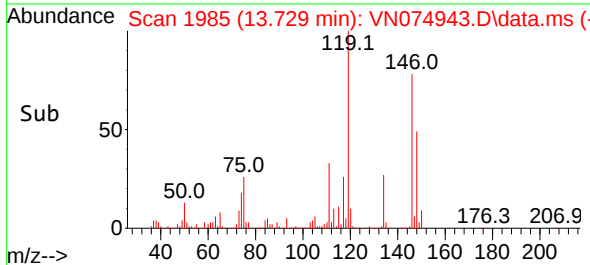
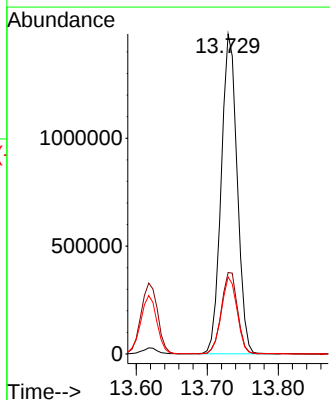
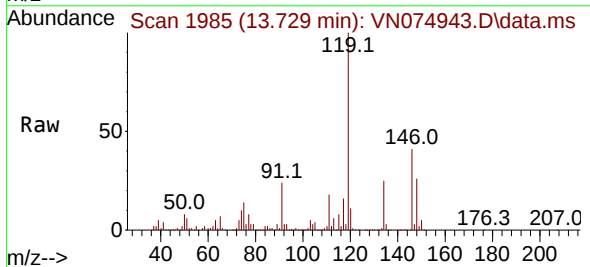
Manual Integrations
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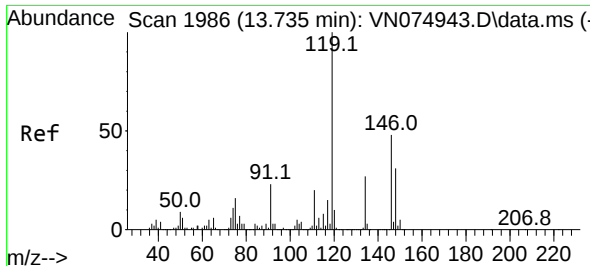
Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022



#86
 p-Isopropyltoluene
 Concen: 51.775 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN074943.D
 Acq: 20 Oct 2022 15:40

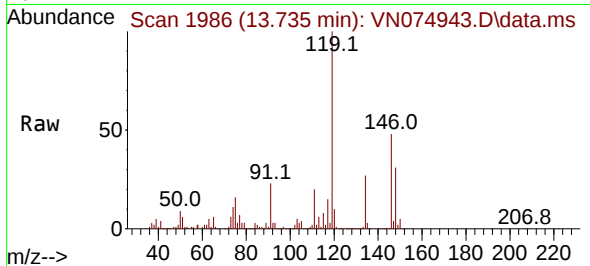
Tgt Ion:119 Resp: 2303747
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 23.7 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 50.147 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

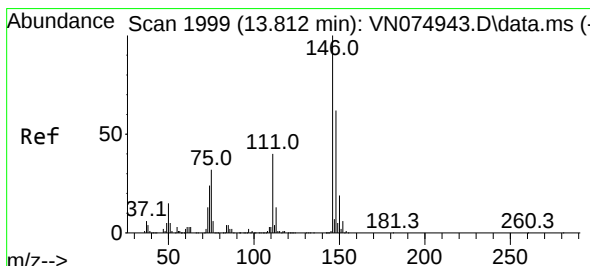
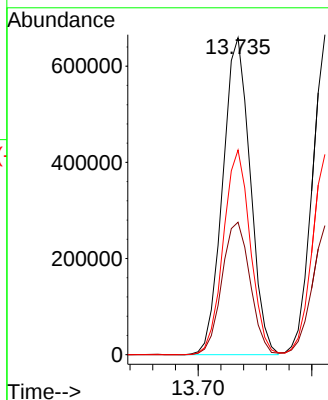
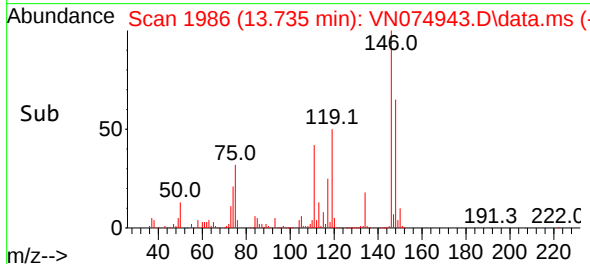
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



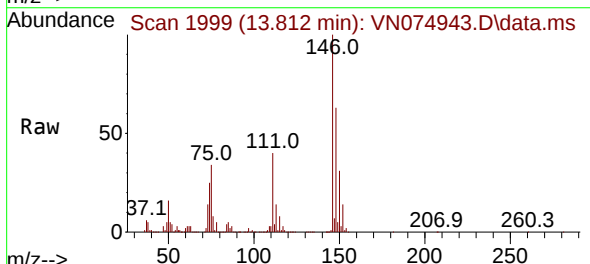
Tgt Ion:146 Resp: 1107752
Ion Ratio Lower Upper
146 100
111 43.0 21.5 64.5
148 63.4 31.7 95.1

Manual Integrations
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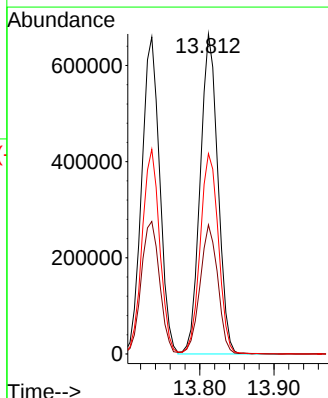
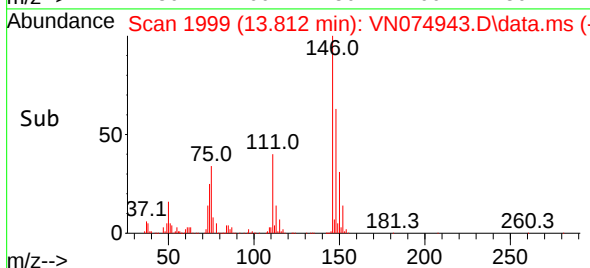
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

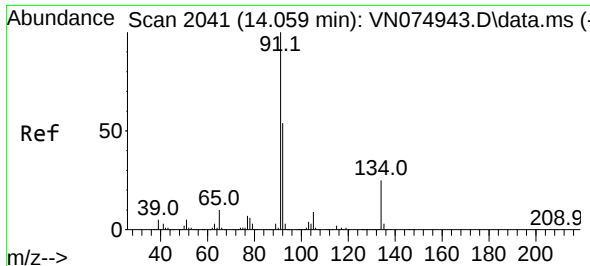


#88
1,4-Dichlorobenzene
Concen: 49.757 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40



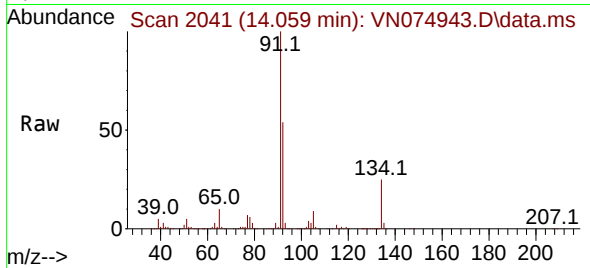
Tgt Ion:146 Resp: 1103441
Ion Ratio Lower Upper
146 100
111 40.7 20.3 61.0
148 64.6 32.3 96.9





#89
n-Butylbenzene
Concen: 54.064 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

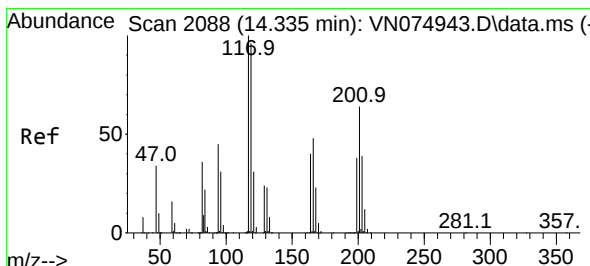
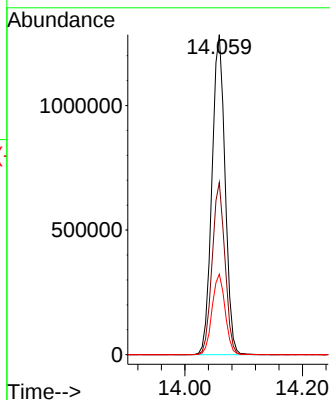
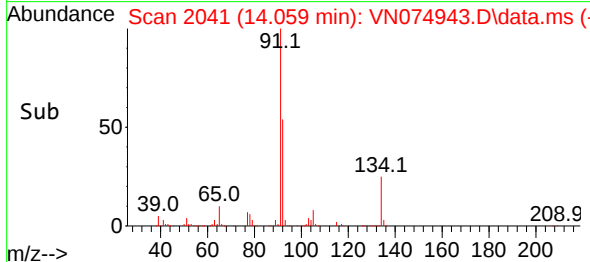
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 1991456
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 25.1 12.6 37.6

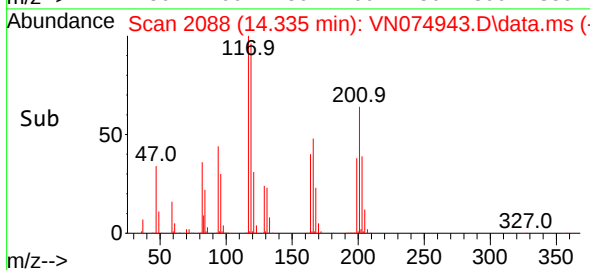
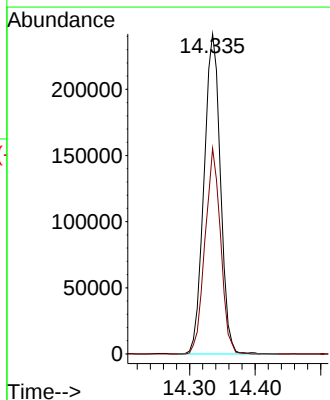
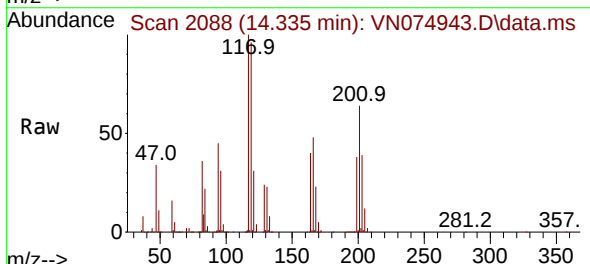
Manual Integrations
APPROVED

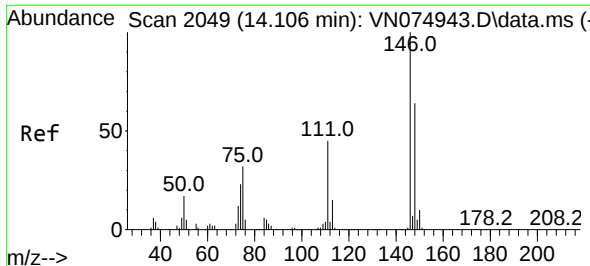
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022



#90
Hexachloroethane
Concen: 44.991 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

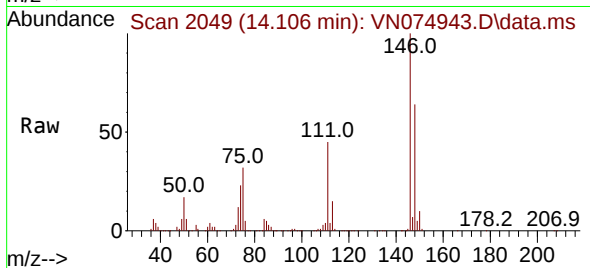
Tgt Ion:117 Resp: 420897
Ion Ratio Lower Upper
117 100
201 61.1 30.6 91.6





#91
1,2-Dichlorobenzene
Concen: 49.944 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40

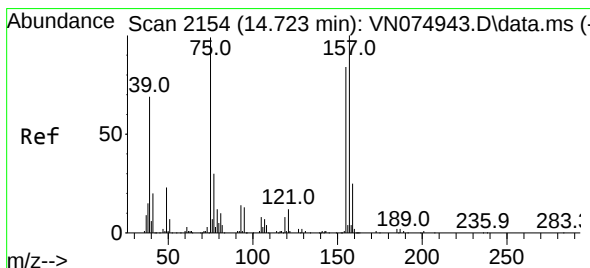
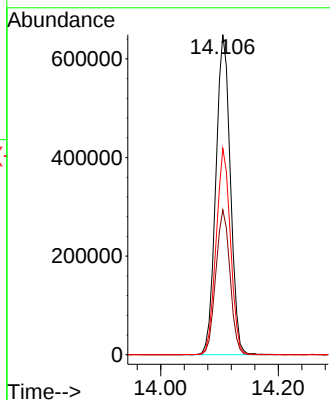
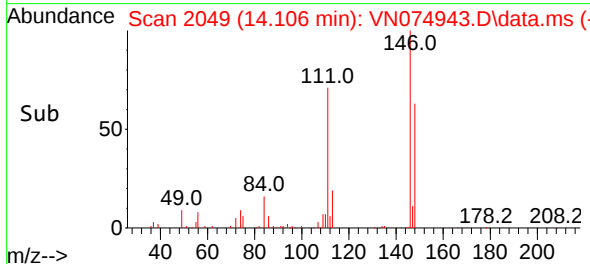
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



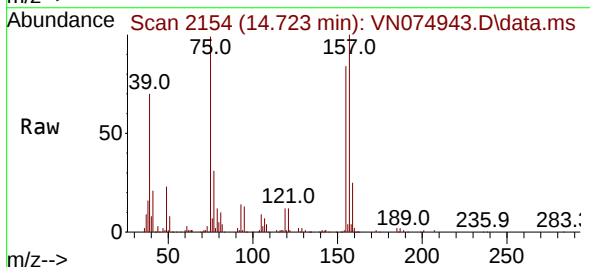
Tgt Ion:146 Resp: 111243
Ion Ratio Lower Upper
146 100
111 44.4 22.2 66.6
148 63.7 31.9 95.5

Manual Integrations
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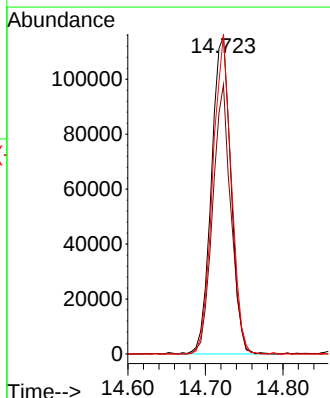
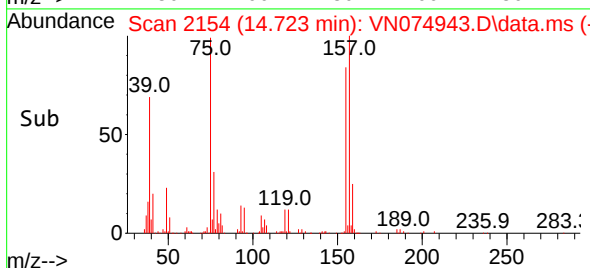
Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

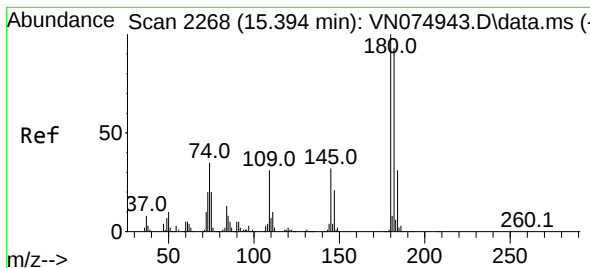


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.080 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN074943.D
Acq: 20 Oct 2022 15:40



Tgt Ion: 75 Resp: 202046
Ion Ratio Lower Upper
75 100
155 79.2 39.6 118.8
157 95.6 47.8 143.4





#93

1,2,4-Trichlorobenzene

Concen: 46.069 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN074943.D

Acq: 20 Oct 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 50677

Ion Ratio Lower Upper

180 100

182 93.1 46.6 139.7

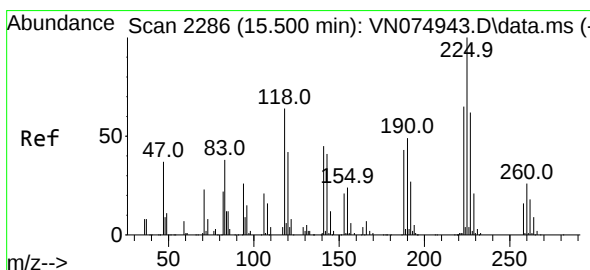
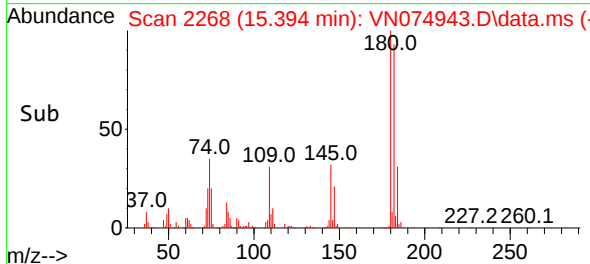
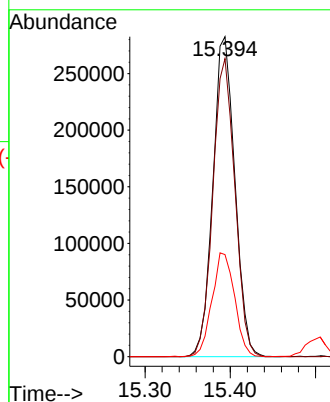
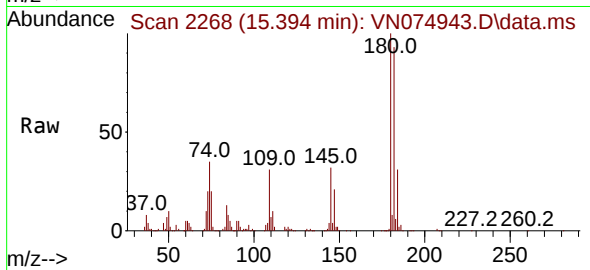
145 33.3 16.7 50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#94

Hexachlorobutadiene

Concen: 42.470 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VN074943.D

Acq: 20 Oct 2022 15:40

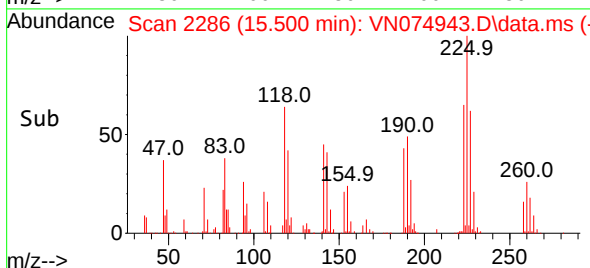
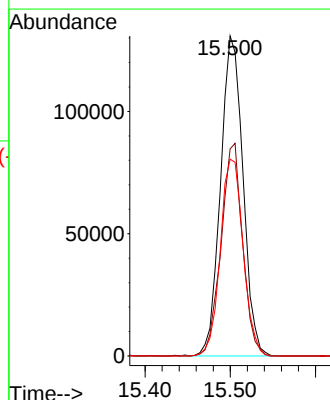
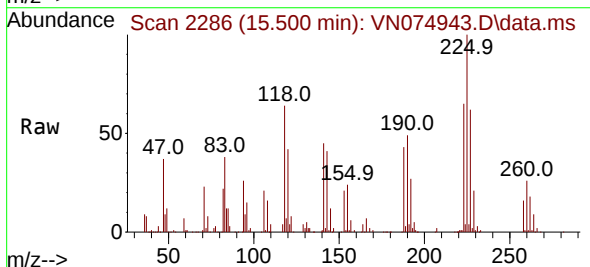
Tgt Ion:225 Resp: 238962

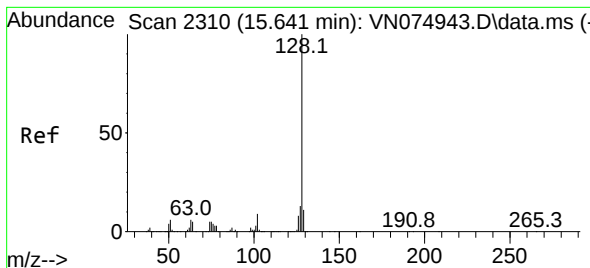
Ion Ratio Lower Upper

225 100

223 63.7 31.9 95.5

227 62.7 31.4 94.0





#95

Naphthalene

Concen: 48.618 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. 0.000 min

Lab File: VN074943.D

Acq: 20 Oct 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:128 Resp: 1996478

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

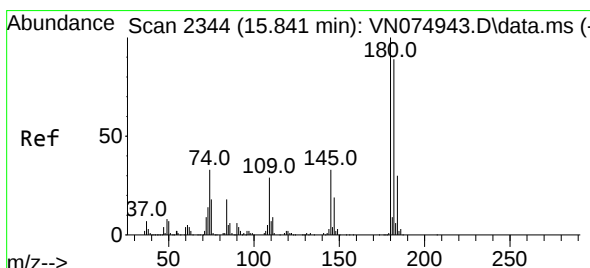
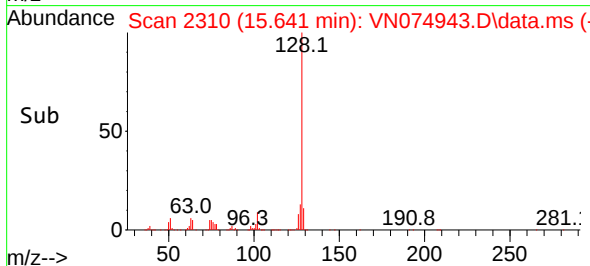
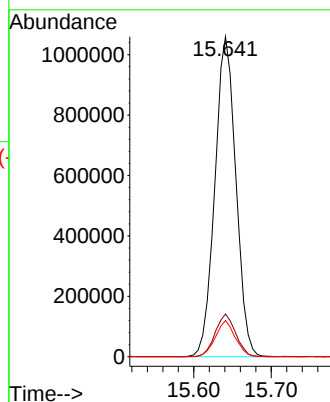
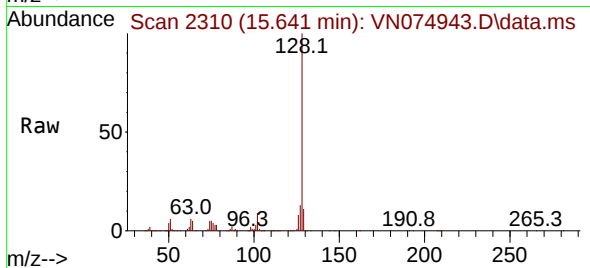
129 10.7 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/21/2022

Supervised By :Mahesh Dadoda 10/21/2022



#96

1,2,3-Trichlorobenzene

Concen: 44.597 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. 0.000 min

Lab File: VN074943.D

Acq: 20 Oct 2022 15:40

Tgt Ion:180 Resp: 500339

Ion Ratio Lower Upper

180 100

182 93.4 46.7 140.1

145 34.3 17.2 51.5

