

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074913.D
 Acq On : 17 Oct 2022 13:00
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

Quant Time: Oct 17 13:35:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 11:33:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	363499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	655395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	750555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	436973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	447481	50.839	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.680%			
35) Dibromofluoromethane	8.183	113	349205	49.053	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.100%			
50) Toluene-d8	10.571	98	1474195	50.196	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.400%			
62) 4-Bromofluorobenzene	12.853	95	458804	54.866	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.740%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	298257	42.769	ug/l	96
3) Chloromethane	2.389	50	427813	41.275	ug/l	98
4) Vinyl Chloride	2.530	62	660166	43.380	ug/l	100
5) Bromomethane	2.930	94	538819	45.884	ug/l	97
6) Chloroethane	3.112	64	494891	41.090	ug/l	93
7) Trichlorofluoromethane	3.501	101	448263	42.355	ug/l	93
8) Diethyl Ether	3.983	74	207475	42.662	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	267454	39.973	ug/l	95
10) Methyl Iodide	4.606	142	377459	50.956	ug/l	100
11) Tert butyl alcohol	5.565	59	473338	218.526	ug/l	98
12) 1,1-Dichloroethene	4.359	96	272099	43.447	ug/l	92
13) Acrolein	4.206	56	472432	206.127	ug/l	94
14) Allyl chloride	5.036	41	566006	45.782	ug/l	86
15) Acrylonitrile	5.747	53	1282207	241.865	ug/l	99
16) Acetone	4.459	43	1012605	223.207	ug/l	100
17) Carbon Disulfide	4.730	76	667884	42.031	ug/l	96
18) Methyl Acetate	5.053	43	741109	45.623	ug/l	96
19) Methyl tert-butyl Ether	5.818	73	1128809	45.652	ug/l	99
20) Methylene Chloride	5.295	84	361133	40.661	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	292519	42.203	ug/l	90
22) Diisopropyl ether	6.689	45	1269043	44.851	ug/l	95
23) Vinyl Acetate	6.624	43	4624294	222.724	ug/l	100
24) 1,1-Dichloroethane	6.583	63	664556	43.640	ug/l	95
25) 2-Butanone	7.500	43	1782772	238.652	ug/l	98
26) 2,2-Dichloropropane	7.506	77	508929	41.673	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	390105	45.307	ug/l	96
28) Bromochloromethane	7.830	49	358239	56.016	ug/l	99
29) Tetrahydrofuran	7.853	42	1213383	247.417	ug/l	100
30) Chloroform	7.983	83	658775	46.735	ug/l	91
31) Cyclohexane	8.265	56	547763	41.908	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	555122	46.377	ug/l	98
36) 1,1-Dichloropropene	8.377	75	461679	44.241	ug/l	98
37) Ethyl Acetate	7.577	43	680193	43.040	ug/l	98
38) Carbon Tetrachloride	8.371	117	457257	46.354	ug/l	94
39) Methylcyclohexane	9.606	83	559314	44.449	ug/l	96
40) Benzene	8.612	78	1478869	43.087	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	357858	46.924	ug/l	99
42) 1,2-Dichloroethane	8.683	62	512427	45.702	ug/l	99
43) Isopropyl Acetate	8.700	43	1099644	46.115	ug/l	100
44) Trichloroethene	9.359	130	307266	42.778	ug/l	89
45) 1,2-Dichloropropane	9.624	63	410214	44.400	ug/l	90
46) Dibromomethane	9.712	93	259039	43.787	ug/l	97
47) Bromodichloromethane	9.894	83	534343	47.073	ug/l	99
48) Methyl methacrylate	9.612	41	486382	43.798	ug/l #	99
49) 1,4-Dioxane	9.700	88	191423	946.090	ug/l #	96
51) 4-Methyl-2-Pentanone	10.453	43	3660672	238.743	ug/l	100
52) Toluene	10.635	92	939732	45.709	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	602556	48.572	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	623487	47.140	ug/l	99
55) 1,1,2-Trichloroethane	11.024	97	391644	47.428	ug/l	95
56) Ethyl methacrylate	10.877	69	659194	49.872	ug/l	98
57) 1,3-Dichloropropane	11.165	76	683694	45.651	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	1538842	327.041	ug/l	100
59) 2-Hexanone	11.200	43	2762443	246.770	ug/l	99
60) Dibromochloromethane	11.365	129	397812	48.074	ug/l	99
61) 1,2-Dibromoethane	11.471	107	389219	47.657	ug/l	95
64) Tetrachloroethene	11.106	164	257977	42.611	ug/l	94
65) Chlorobenzene	11.894	112	983474	45.403	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	371848	45.785	ug/l	96
67) Ethyl Benzene	11.965	91	1877387	47.272	ug/l	98
68) m/p-Xylenes	12.076	106	1441414	97.472	ug/l	99
69) o-Xylene	12.400	106	731860	48.450	ug/l	99
70) Styrene	12.412	104	1203032	50.214	ug/l	99
71) Bromoform	12.582	173	281040	49.964	ug/l #	98
73) Isopropylbenzene	12.700	105	1887724	48.565	ug/l	100
74) N-amyl acetate	12.494	43	1006795	47.713	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	665552	43.229	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	580760m	45.146	ug/l	
77) Bromobenzene	12.982	156	387281	44.984	ug/l	99
78) n-propylbenzene	13.035	91	2272444	51.212	ug/l	99
79) 2-Chlorotoluene	13.129	91	1258146	47.422	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	1561292	49.413	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	233039	50.701	ug/l	95
82) 4-Chlorotoluene	13.223	91	1205585	48.589	ug/l	97
83) tert-Butylbenzene	13.441	119	1372217	50.257	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	1520717	48.986	ug/l	100
85) sec-Butylbenzene	13.618	105	2020582	51.321	ug/l	98
86) p-Isopropyltoluene	13.735	119	1558861	49.823	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	707114	43.782	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	672851	42.222	ug/l	99
89) n-Butylbenzene	14.059	91	1302788	48.866	ug/l	100
90) Hexachloroethane	14.335	117	297442	44.279	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	671952	40.108	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	118066	41.339	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	305177	40.271	ug/l	94
94) Hexachlorobutadiene	15.500	225	145559	39.997	ug/l	98
95) Naphthalene	15.641	128	1312019	48.361	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	325855	45.396	ug/l	98

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ClientSampleId :
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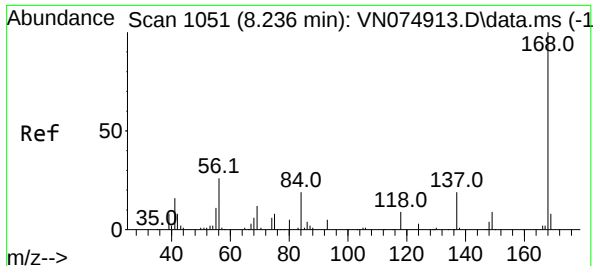
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

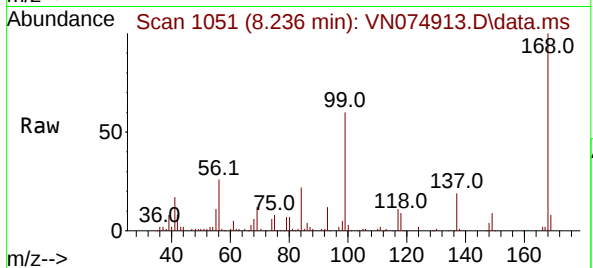
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. 0.001 min
Lab File: VN074913.D
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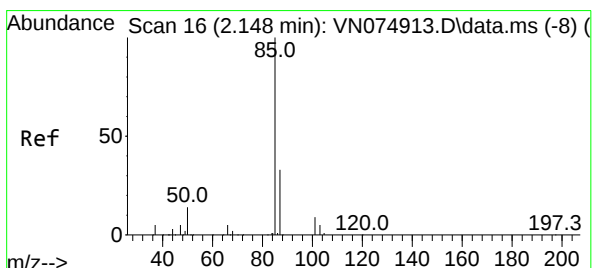
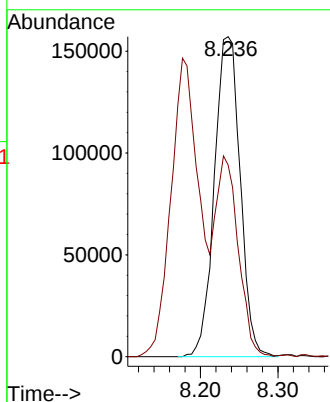
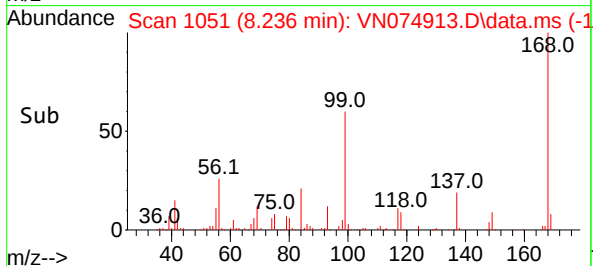
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 363499
Ion Ratio Lower Upper
168 100
99 59.5 45.8 68.8

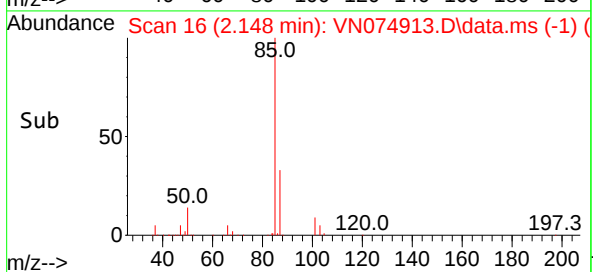
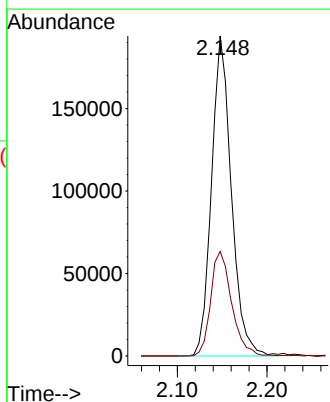
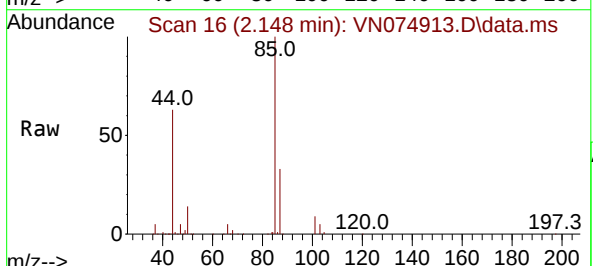
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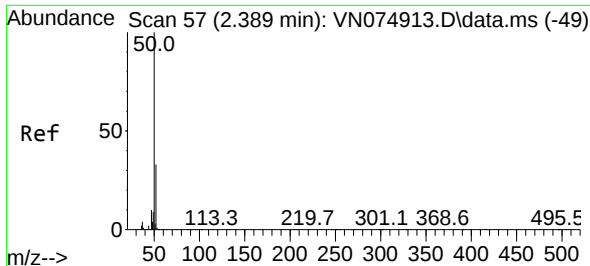
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#2
Dichlorodifluoromethane
Concen: 42.769 ug/l
RT: 2.148 min Scan# 16
Delta R.T. 0.006 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

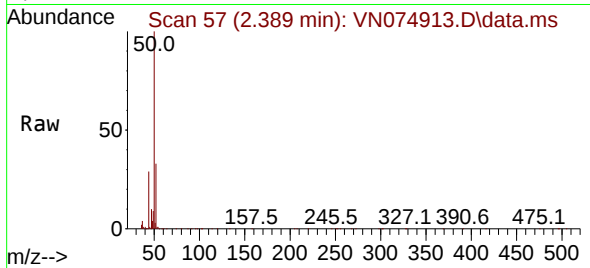
Tgt Ion: 85 Resp: 298257
Ion Ratio Lower Upper
85 100
87 32.7 17.5 52.6





#3
Chloromethane
Concen: 41.275 ug/l
RT: 2.389 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

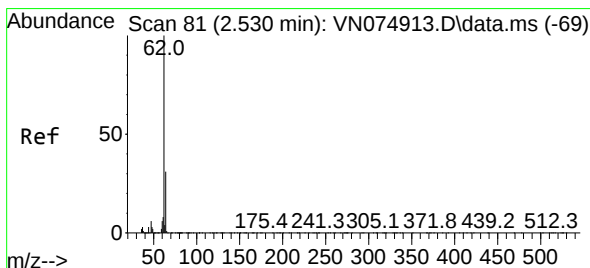
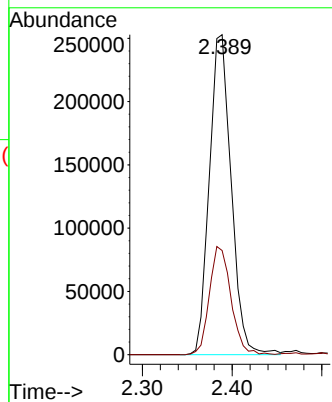
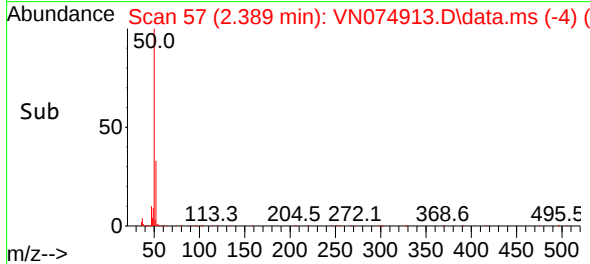
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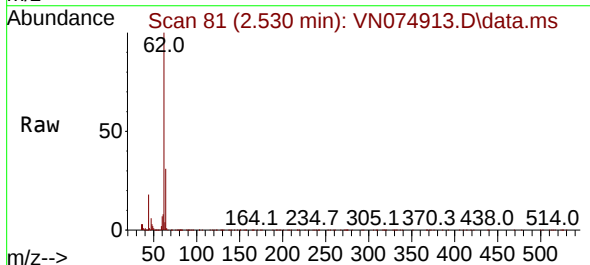
Tgt Ion: 50 Resp: 42781
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.0

Manual Integrations
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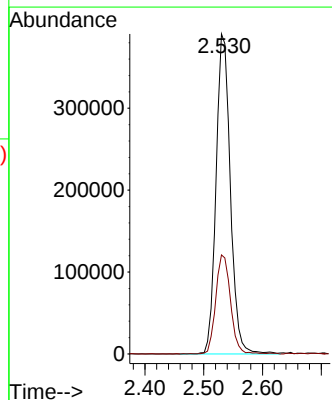
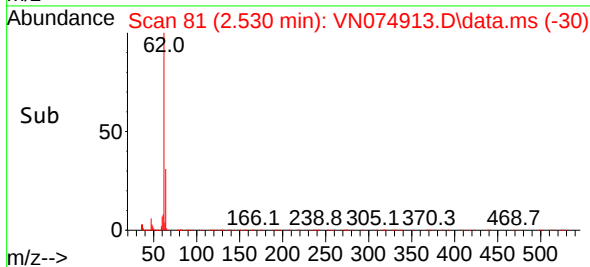
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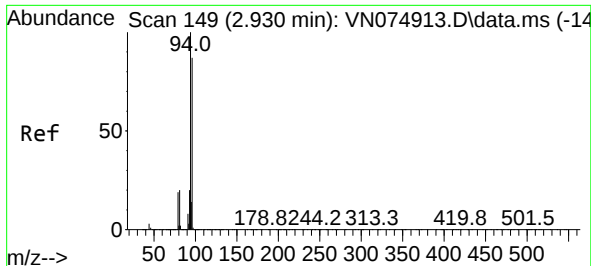


#4
Vinyl Chloride
Concen: 43.380 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00



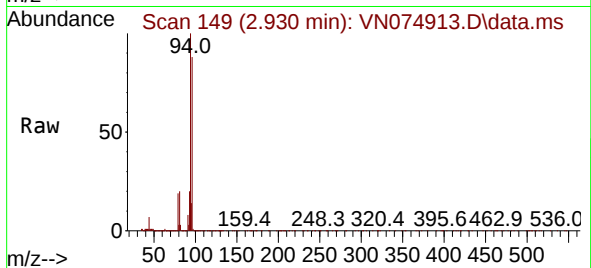
Tgt Ion: 62 Resp: 660166
Ion Ratio Lower Upper
62 100
64 31.0 24.8 37.2





#5
Bromomethane
Concen: 45.884 ug/l
RT: 2.930 min Scan# 149
Delta R.T. -0.006 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

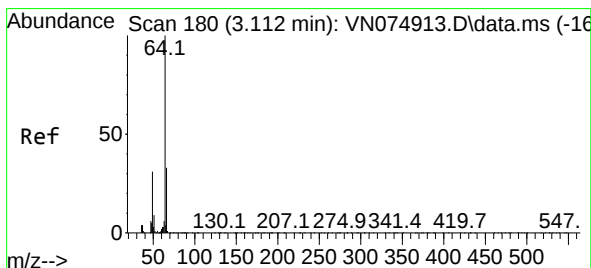
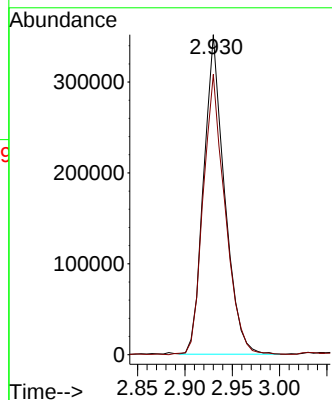
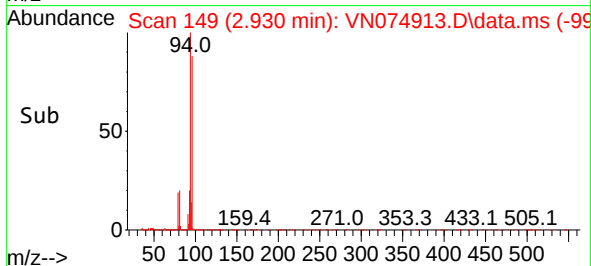
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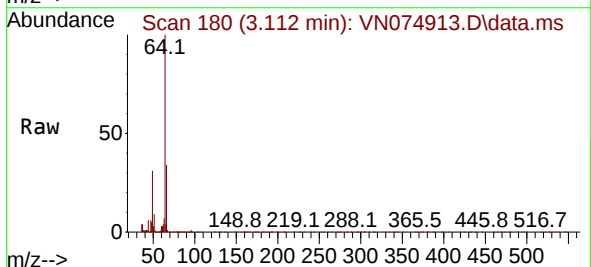
Tgt Ion: 94 Resp: 538819
Ion Ratio Lower Upper
94 100
96 87.5 72.6 109.0

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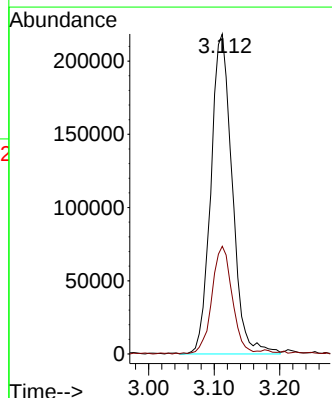
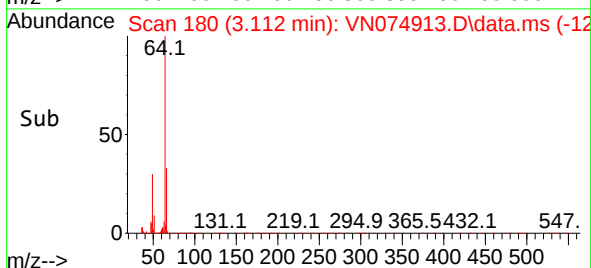
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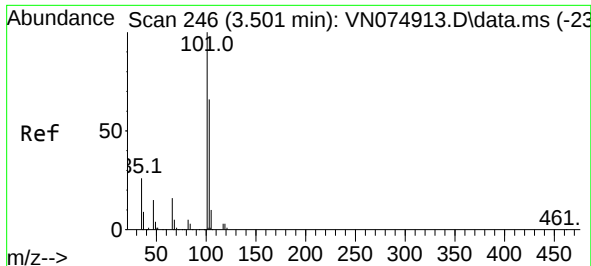


#6
Chloroethane
Concen: 41.090 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00



Tgt Ion: 64 Resp: 494891
Ion Ratio Lower Upper
64 100
66 33.5 23.6 35.4





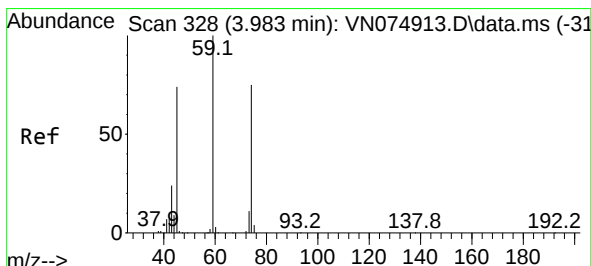
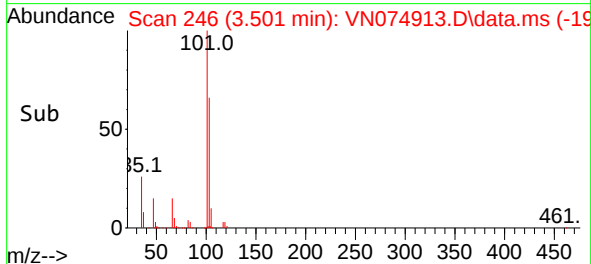
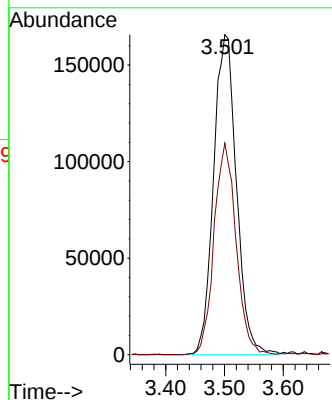
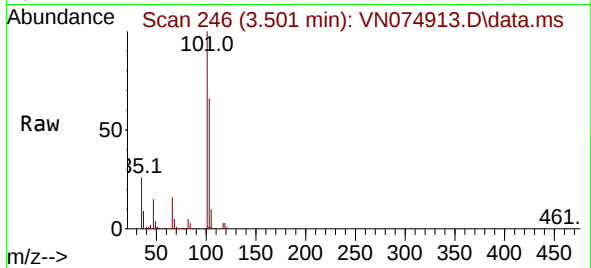
#7
 Trichlorofluoromethane
 Concen: 42.355 ug/l
 RT: 3.501 min Scan# 246
 Delta R.T. 0.000 min
 Lab File: VN074913.D
 Acq: 17 Oct 2022 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:101 Resp: 44826
 Ion Ratio Lower Upper
 101 100
 103 66.1 48.3 72.5

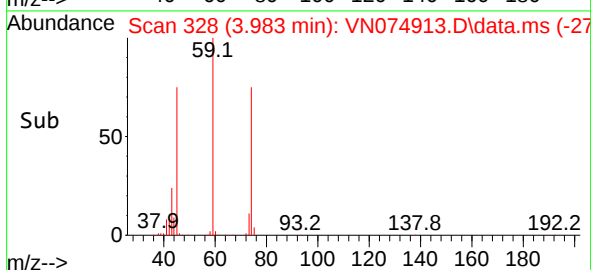
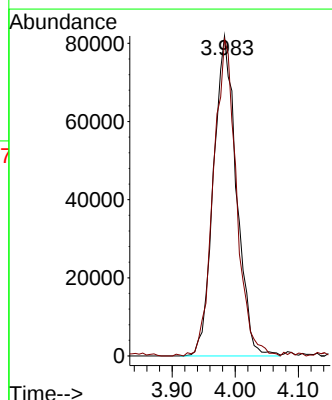
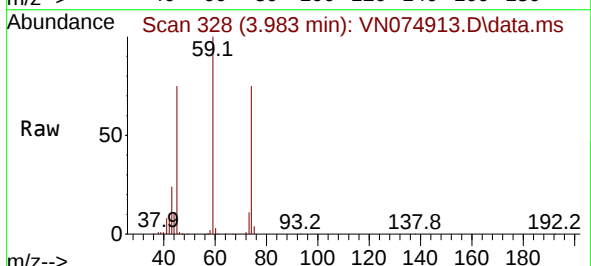
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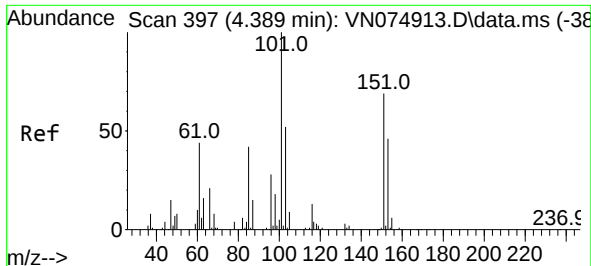
Reviewed By :John Carlone 10/18/2022
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#8
 Diethyl Ether
 Concen: 42.662 ug/l
 RT: 3.983 min Scan# 328
 Delta R.T. 0.006 min
 Lab File: VN074913.D
 Acq: 17 Oct 2022 13:00

Tgt Ion: 74 Resp: 207475
 Ion Ratio Lower Upper
 74 100
 45 98.8 49.3 147.9





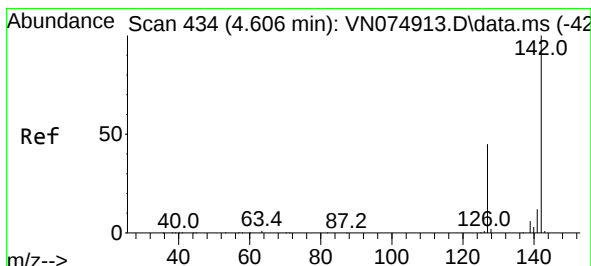
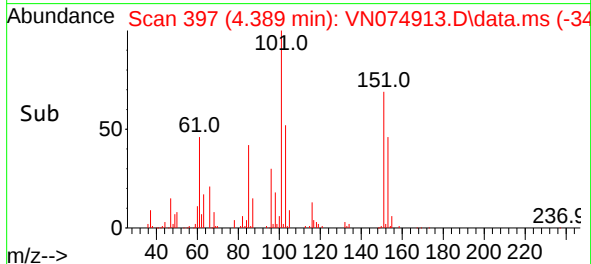
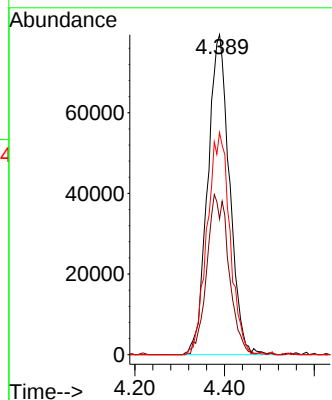
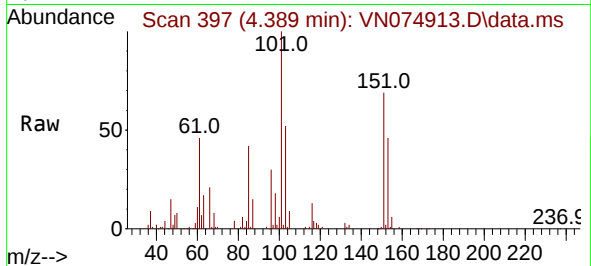
#9
1,1,2-Trichlorotrifluoroethane
Concen: 39.973 ug/l
RT: 4.389 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC050

Tgt Ion:101 Resp: 267454
Ion Ratio Lower Upper
101 100
85 50.7 38.6 58.0
151 72.4 53.6 80.4

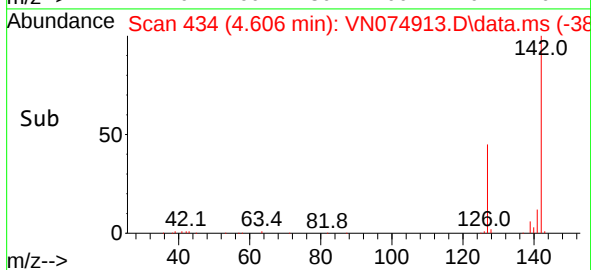
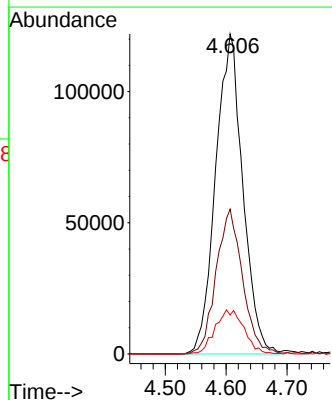
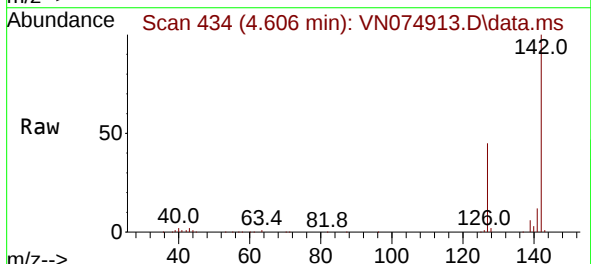
Manual Integrations
APPROVED

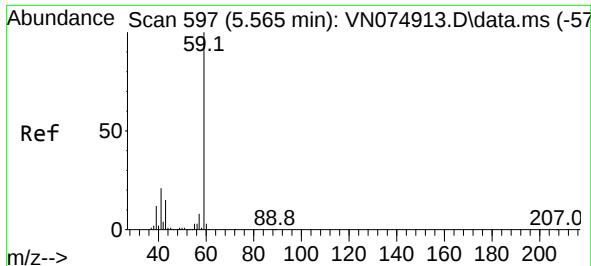
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#10
Methyl Iodide
Concen: 50.956 ug/l
RT: 4.606 min Scan# 434
Delta R.T. -0.006 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

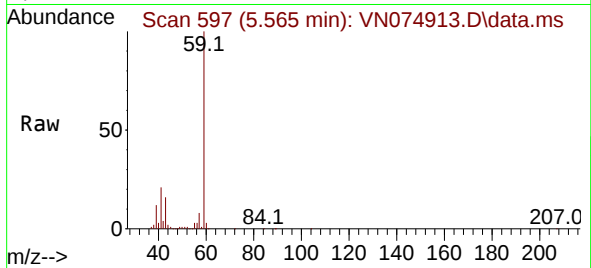
Tgt Ion:142 Resp: 377459
Ion Ratio Lower Upper
142 100
127 44.0 35.4 53.2
141 14.7 11.8 17.8





#11
Tert butyl alcohol
Concen: 218.526 ug/l
RT: 5.565 min Scan# 597
Delta R.T. 0.012 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

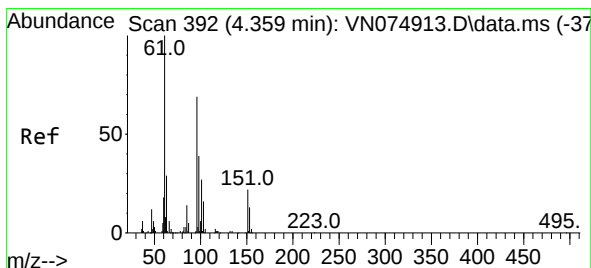
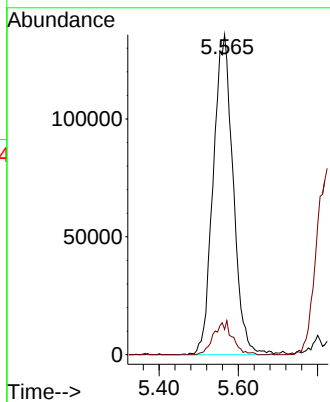
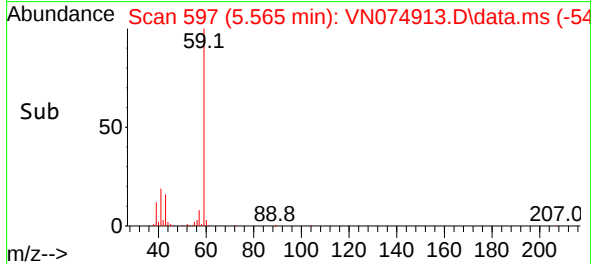
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



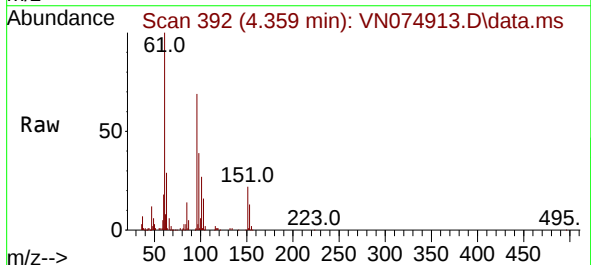
Tgt Ion: 59 Resp: 473338
Ion Ratio Lower Upper
59 100
57 9.8 7.3 10.9

Manual Integrations
APPROVED

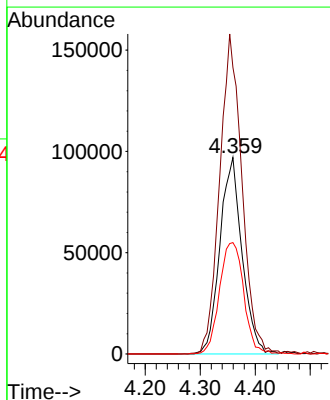
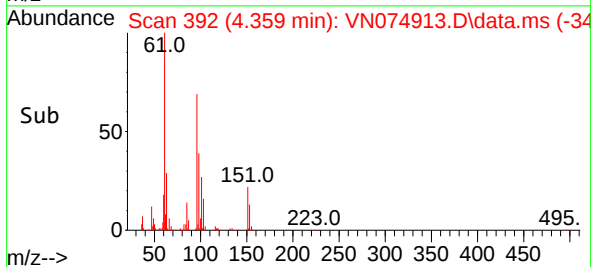
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

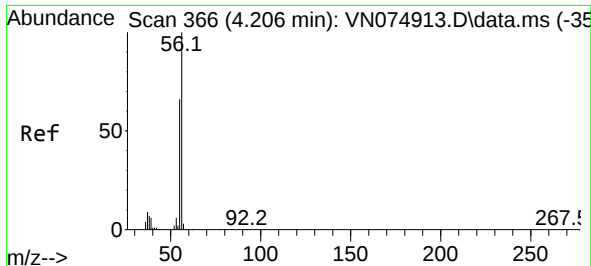


#12
1,1-Dichloroethene
Concen: 43.447 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00



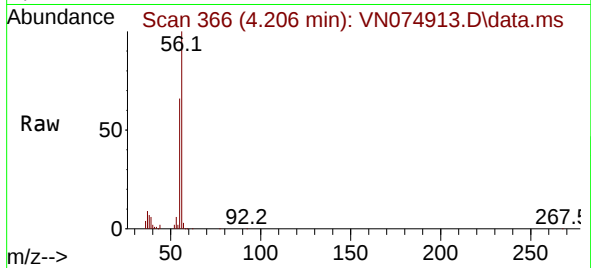
Tgt Ion: 96 Resp: 272099
Ion Ratio Lower Upper
96 100
61 145.9 127.2 190.8
98 56.7 46.2 69.4





#13
Acrolein
Concen: 206.127 ug/l
RT: 4.206 min Scan# 366
Delta R.T. 0.006 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

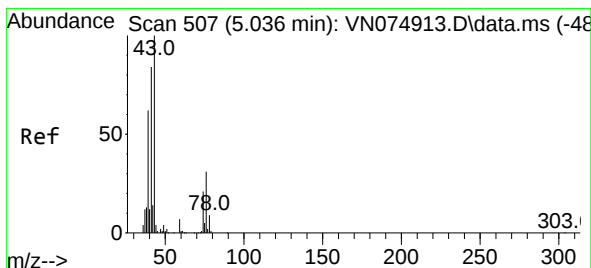
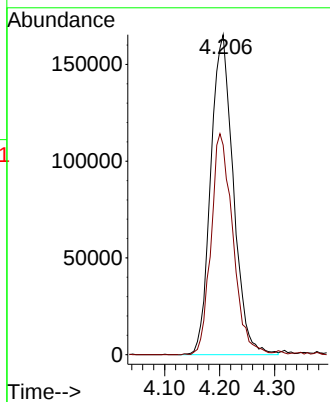
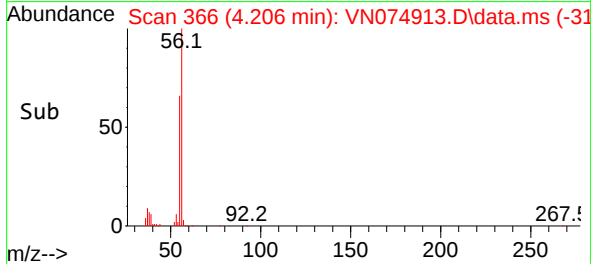
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 47243
Ion Ratio Lower Upper
56 100
55 66.7 57.0 85.6

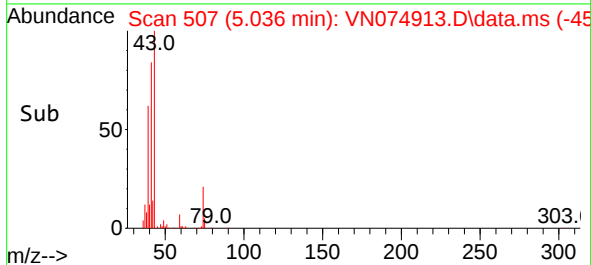
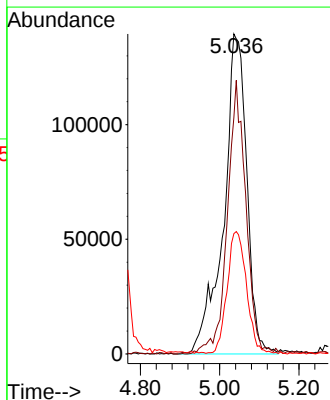
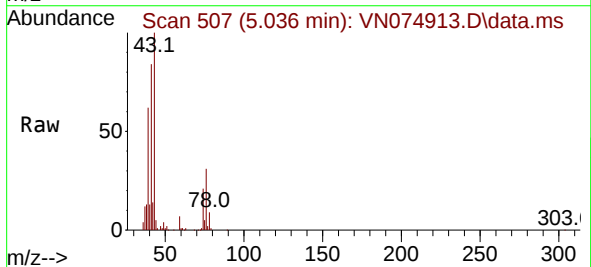
Manual Integrations
APPROVED

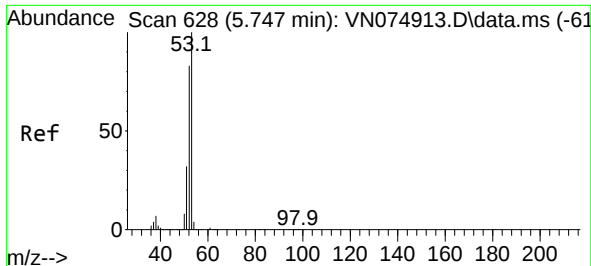
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#14
Allyl chloride
Concen: 45.782 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.006 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

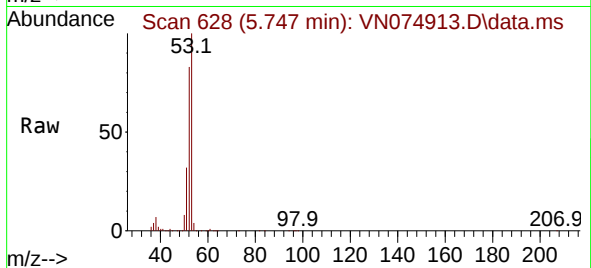
Tgt Ion: 41 Resp: 566006
Ion Ratio Lower Upper
41 100
39 68.4 66.1 99.1
76 31.9 30.9 46.3





#15
Acrylonitrile
Concen: 241.865 ug/l
RT: 5.747 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

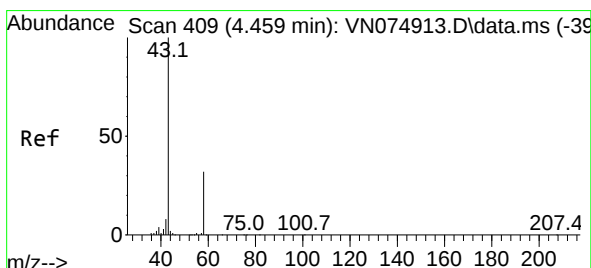
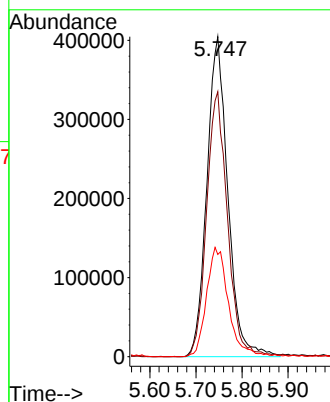
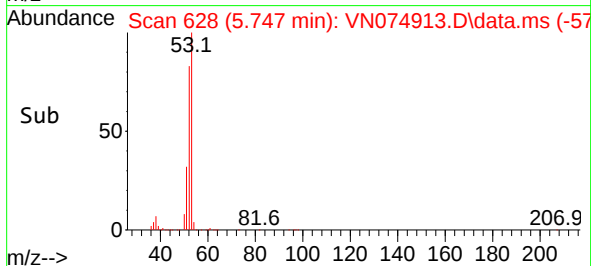
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



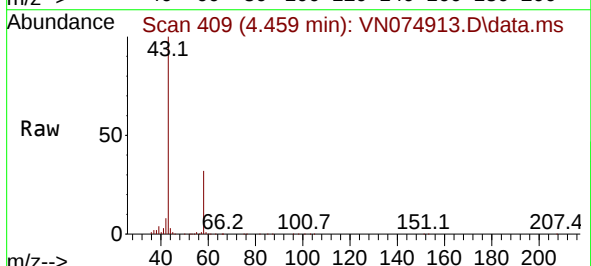
Tgt Ion: 53 Resp: 128220
Ion Ratio Lower Upper
53 100
52 82.7 66.2 99.4
51 35.6 27.6 41.4

Manual Integrations
APPROVED

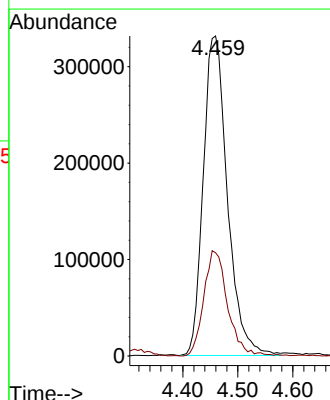
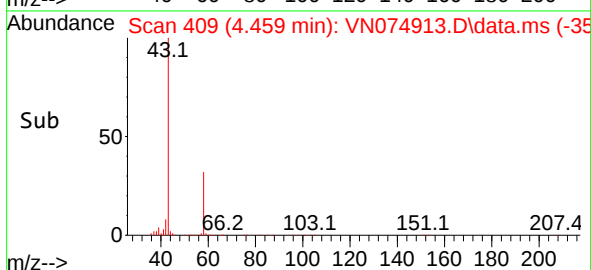
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

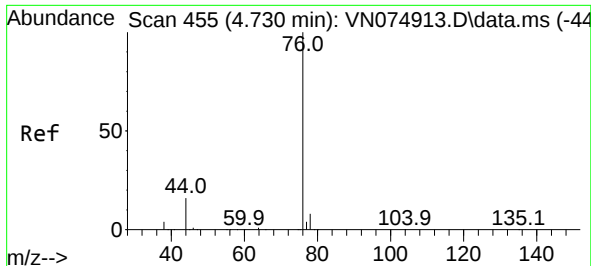


#16
Acetone
Concen: 223.207 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00



Tgt Ion: 43 Resp: 1012605
Ion Ratio Lower Upper
43 100
58 32.3 25.8 38.6





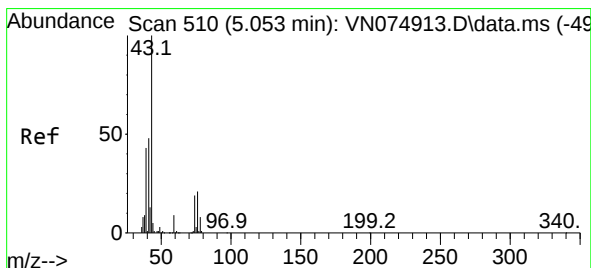
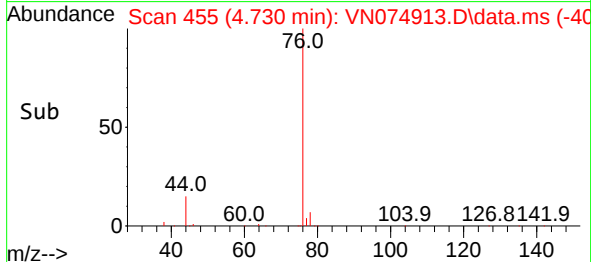
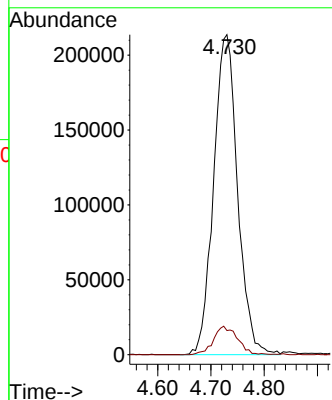
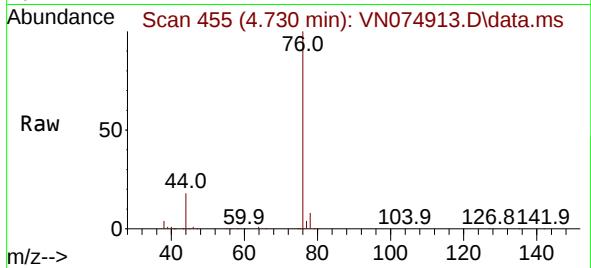
#17
Carbon Disulfide
Concen: 42.031 ug/l
RT: 4.730 min Scan# 455
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 667884
Ion Ratio Lower Upper
76 100
78 7.6 7.4 11.0

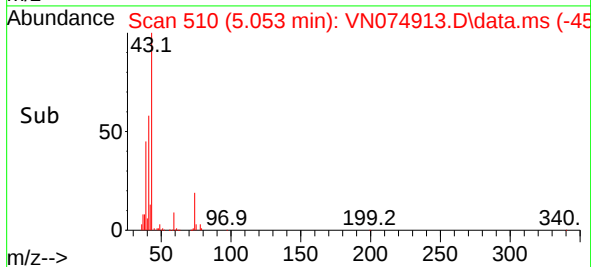
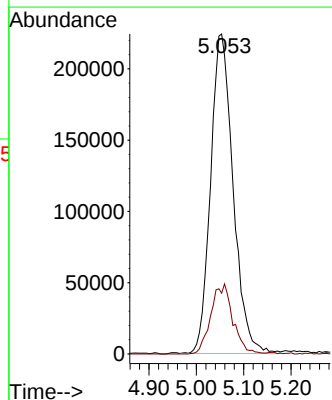
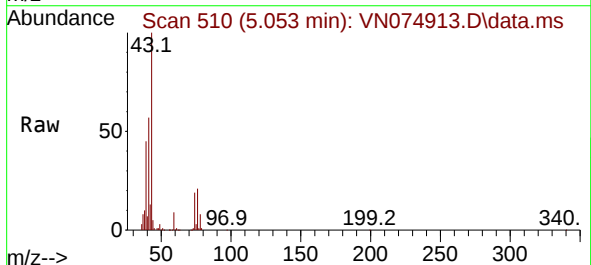
Manual Integrations
APPROVED

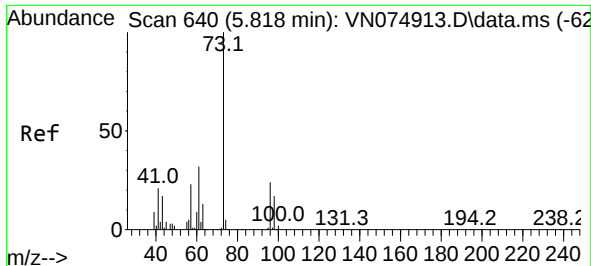
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#18
Methyl Acetate
Concen: 45.623 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.006 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

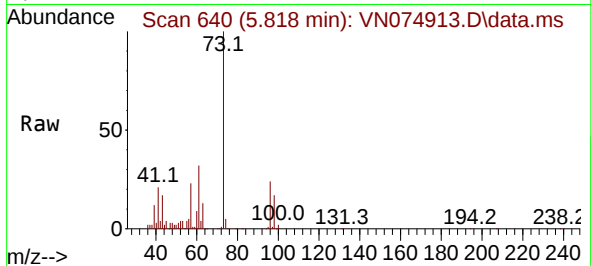
Tgt Ion: 43 Resp: 741109
Ion Ratio Lower Upper
43 100
74 21.3 18.8 28.2





#19
Methyl tert-butyl Ether
Concen: 45.652 ug/l
RT: 5.818 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

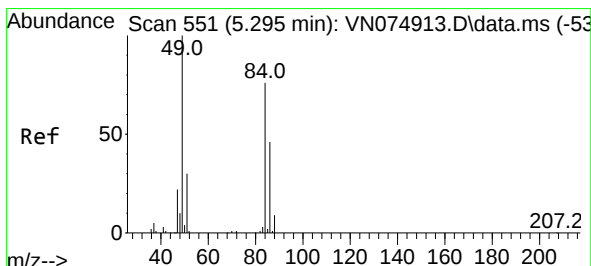
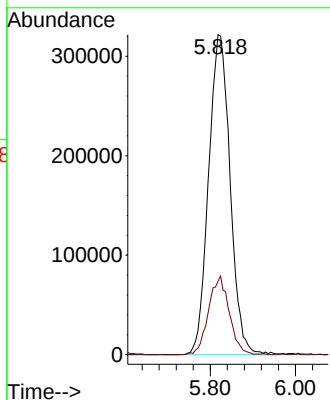
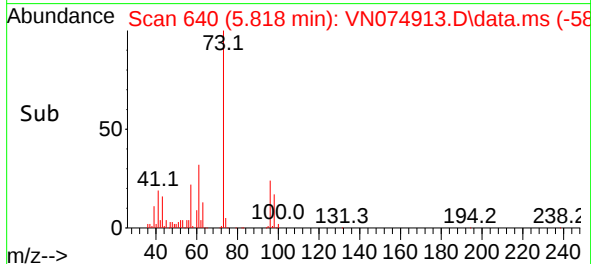
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



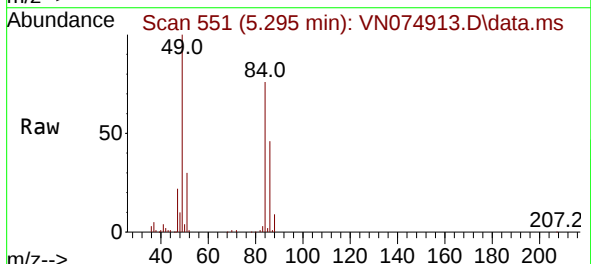
Tgt Ion: 73 Resp: 1128809
Ion Ratio Lower Upper
73 100
57 23.0 18.7 28.1

Manual Integrations
APPROVED

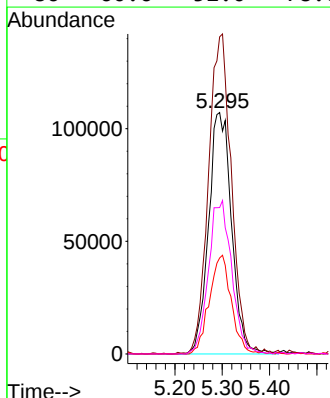
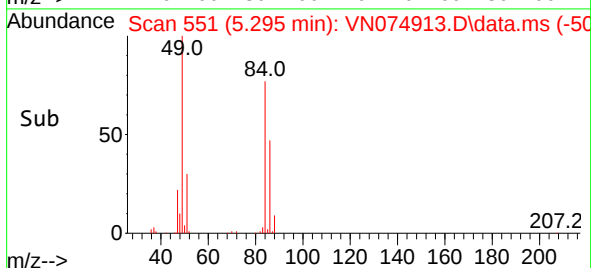
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

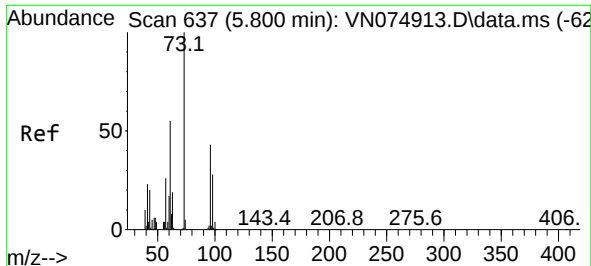


#20
Methylene Chloride
Concen: 40.661 ug/l
RT: 5.295 min Scan# 551
Delta R.T. -0.005 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00



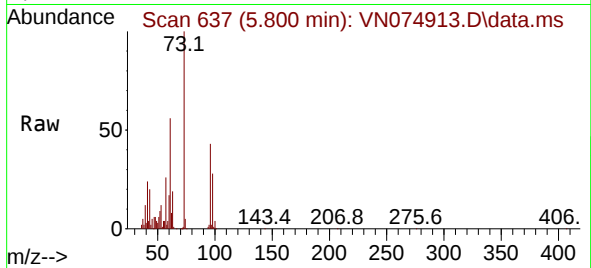
Tgt Ion: 84 Resp: 361133
Ion Ratio Lower Upper
84 100
49 130.7 107.1 160.7
51 39.8 32.8 49.2
86 60.6 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 42.203 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

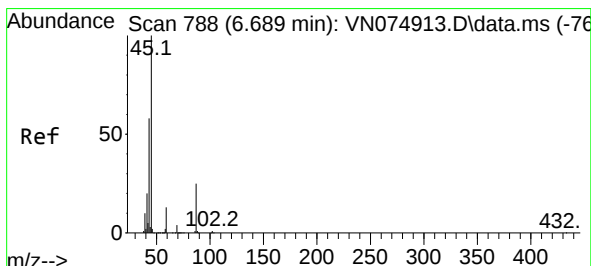
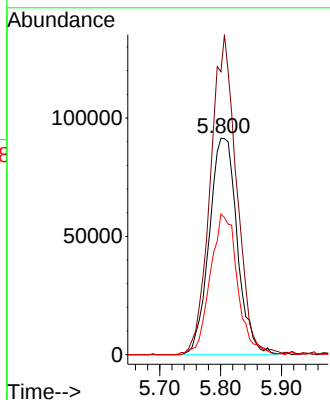
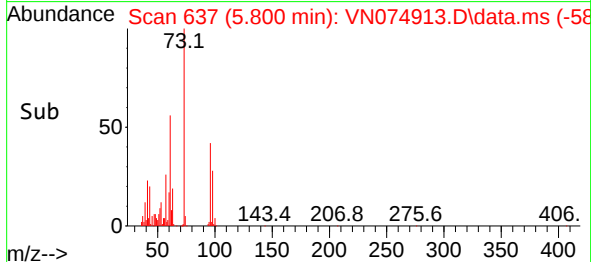
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 292519
Ion Ratio Lower Upper
96 100
61 130.4 97.4 146.0
98 64.9 44.0 66.0

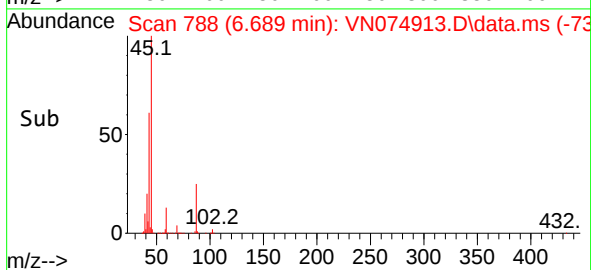
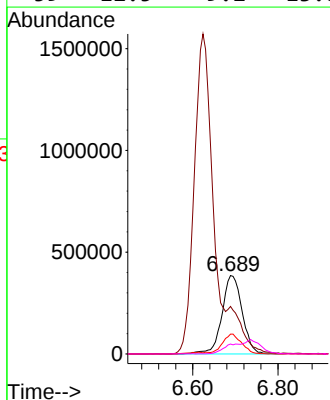
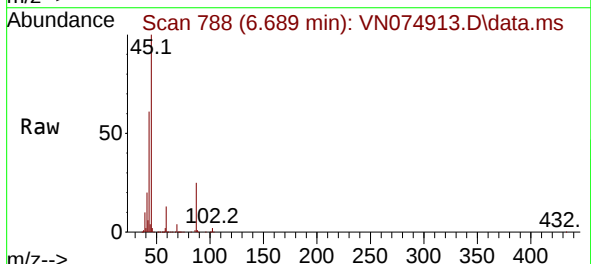
Manual Integrations
APPROVED

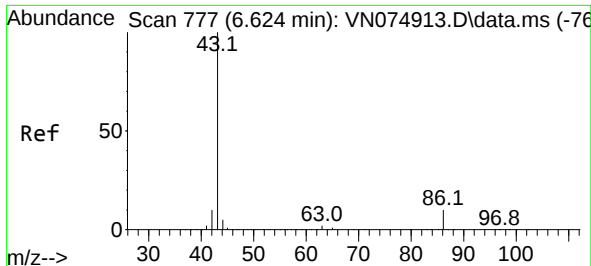
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#22
Diisopropyl ether
Concen: 44.851 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

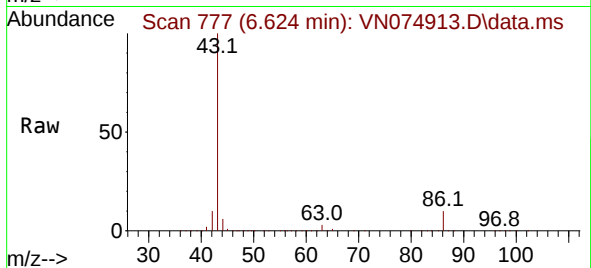
Tgt Ion: 45 Resp: 1269043
Ion Ratio Lower Upper
45 100
43 59.1 43.8 65.8
87 25.1 21.3 31.9
59 12.5 9.2 13.8





#23
 Vinyl Acetate
 Concen: 222.724 ug/l
 RT: 6.624 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN074913.D
 Acq: 17 Oct 2022 13:00

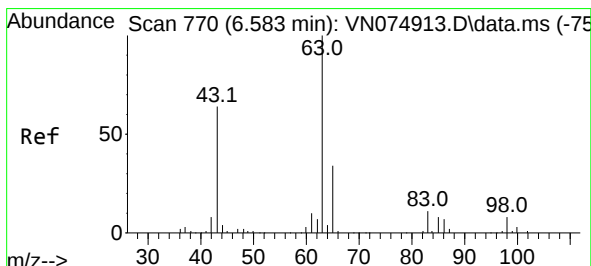
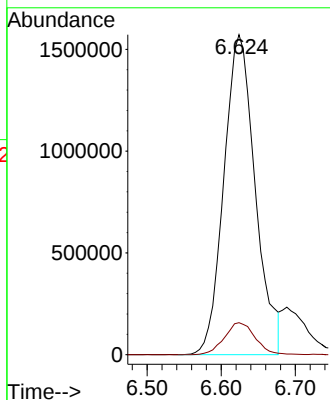
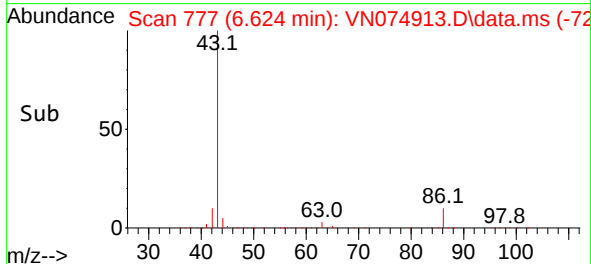
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



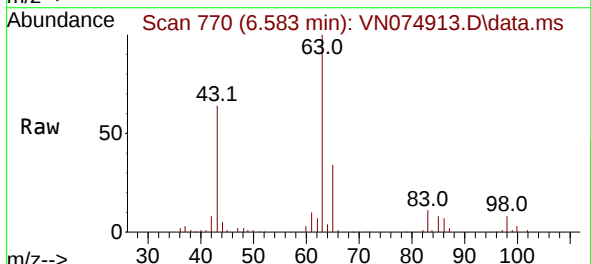
Tgt Ion: 43 Resp: 4624294
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1

Manual Integrations
 APPROVED

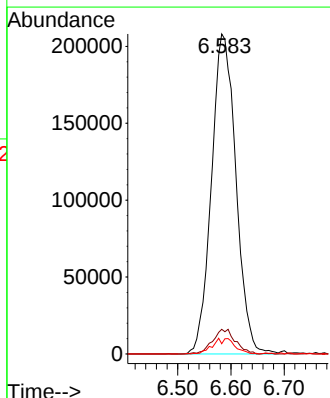
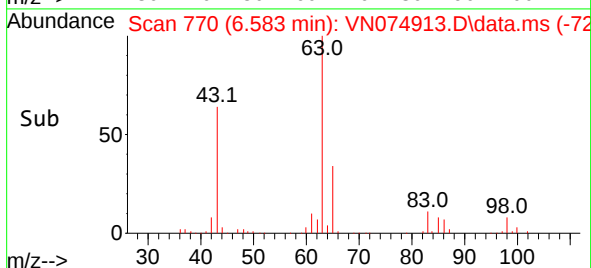
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022

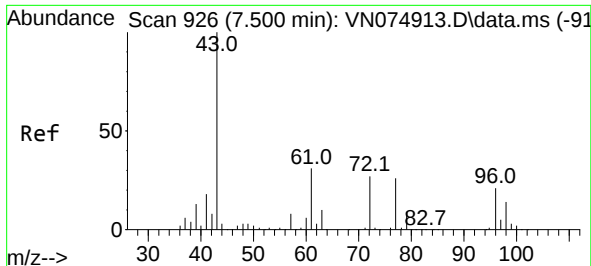


#24
 1,1-Dichloroethane
 Concen: 43.640 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VN074913.D
 Acq: 17 Oct 2022 13:00



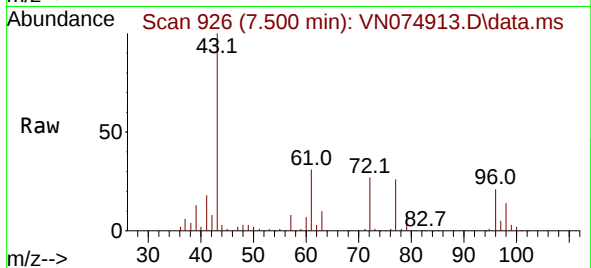
Tgt Ion: 63 Resp: 664556
 Ion Ratio Lower Upper
 63 100
 98 7.7 2.9 8.8
 100 3.2 2.3 6.8





#25
2-Butanone
Concen: 238.652 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

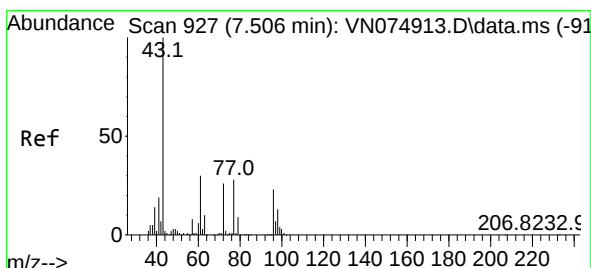
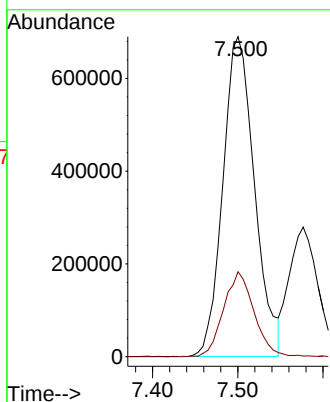
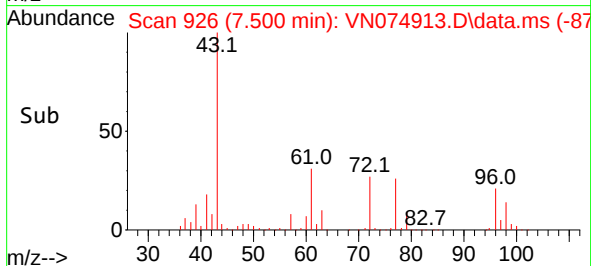
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 178277
Ion Ratio Lower Upper
43 100
72 26.6 20.4 30.6

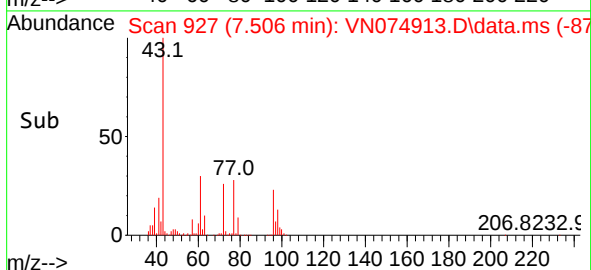
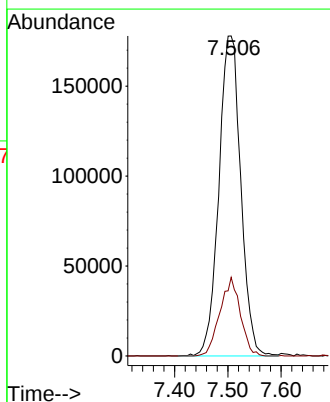
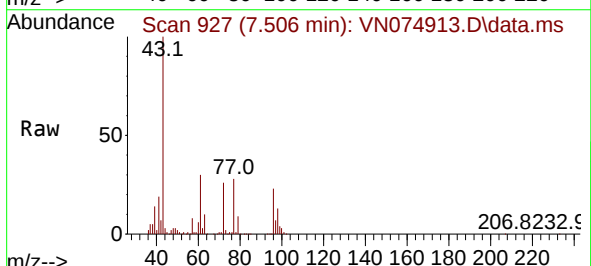
Manual Integrations
APPROVED

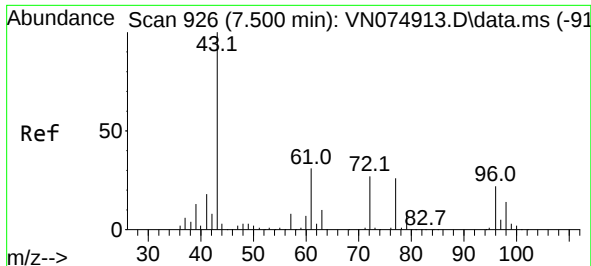
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#26
2,2-Dichloropropane
Concen: 41.673 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.006 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

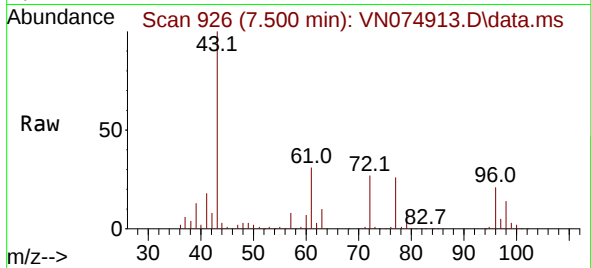
Tgt Ion: 77 Resp: 508929
Ion Ratio Lower Upper
77 100
97 22.8 11.7 35.1





#27
 cis-1,2-Dichloroethene
 Concen: 45.307 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN074913.D
 Acq: 17 Oct 2022 13:00

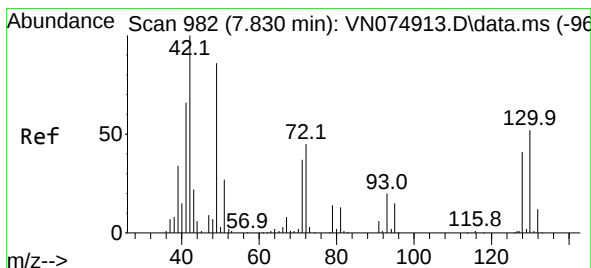
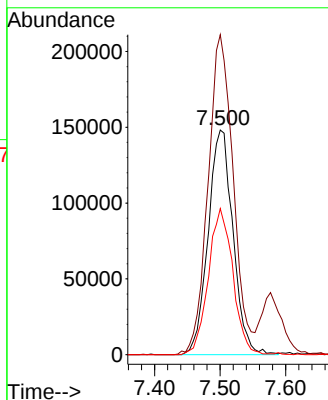
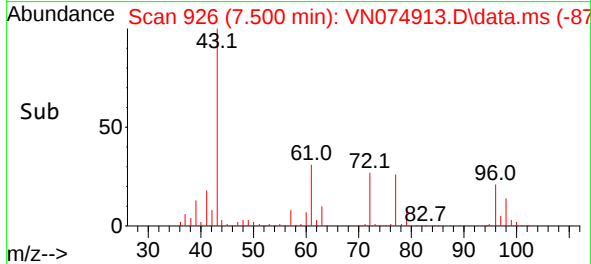
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 39010
 Ion Ratio Lower Upper
 96 100
 61 144.3 0.0 303.6
 98 64.0 0.0 127.8

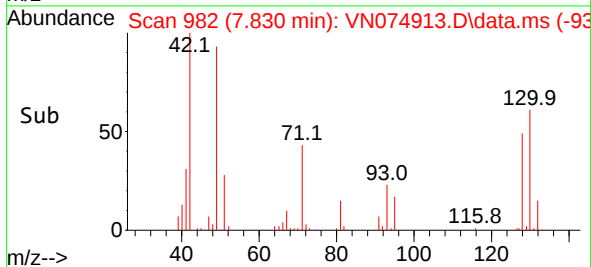
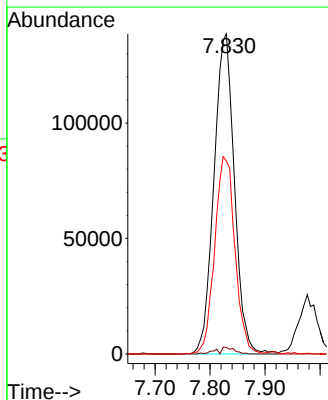
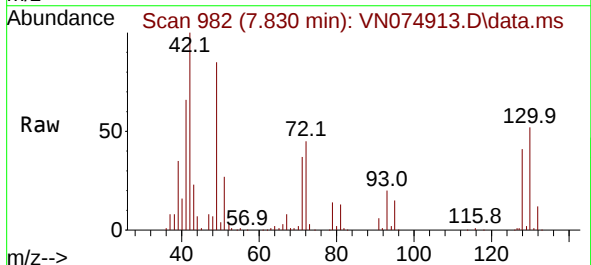
Manual Integrations
 APPROVED

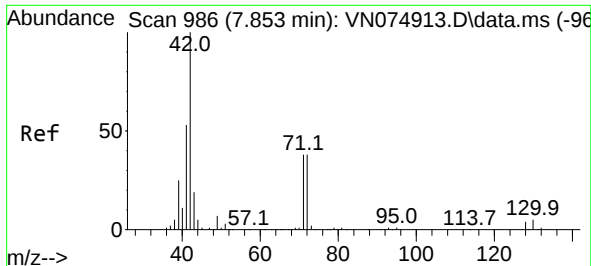
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#28
 Bromochloromethane
 Concen: 56.016 ug/l
 RT: 7.830 min Scan# 982
 Delta R.T. 0.006 min
 Lab File: VN074913.D
 Acq: 17 Oct 2022 13:00

Tgt Ion: 49 Resp: 358239
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.2
 130 61.0 48.2 72.4





#29

Tetrahydrofuran

Concen: 247.417 ug/l

RT: 7.853 min Scan# 986

Delta R.T. 0.000 min

Lab File: VN074913.D

Acq: 17 Oct 2022 13:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 121338

Ion Ratio Lower Upper

42 100

72 41.0 32.4 48.6

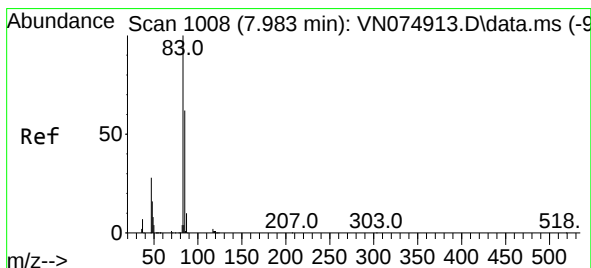
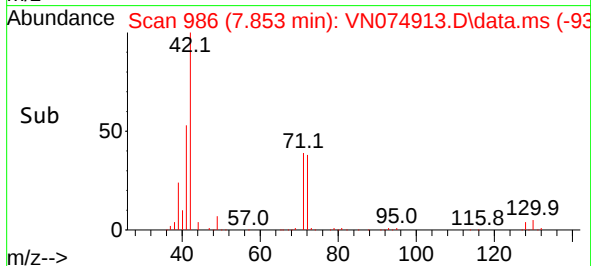
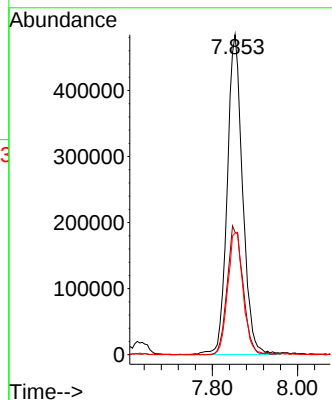
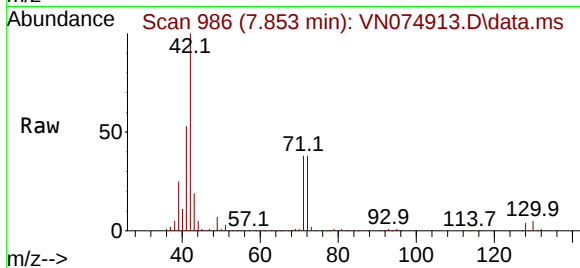
71 38.4 30.7 46.1

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#30

Chloroform

Concen: 46.735 ug/l

RT: 7.983 min Scan# 1008

Delta R.T. 0.006 min

Lab File: VN074913.D

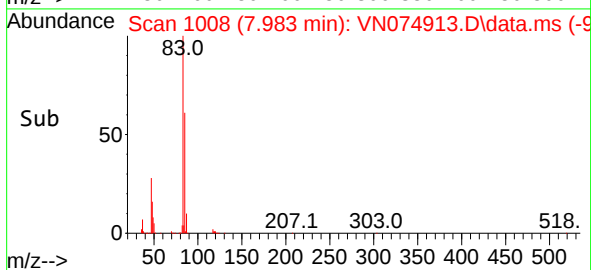
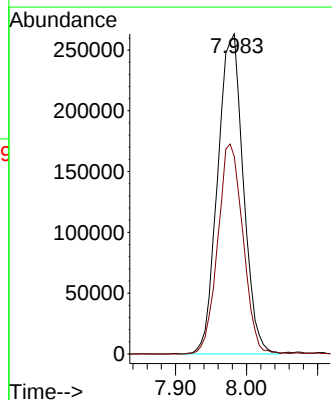
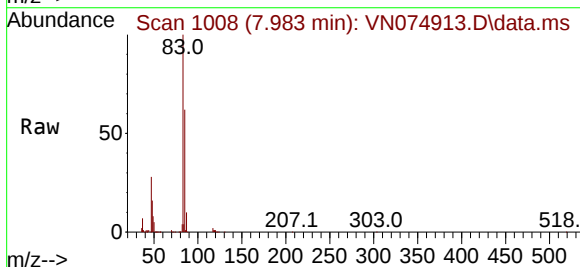
Acq: 17 Oct 2022 13:00

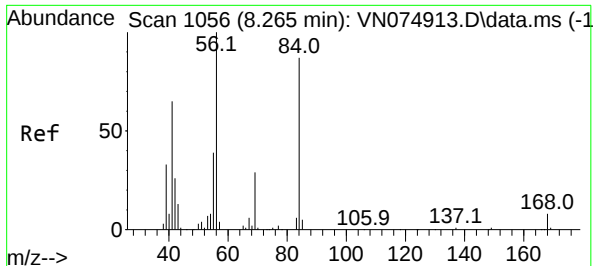
Tgt Ion: 83 Resp: 658775

Ion Ratio Lower Upper

83 100

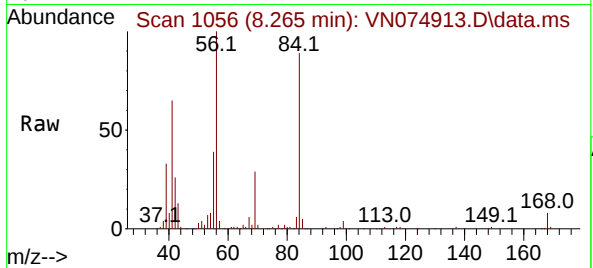
85 61.7 55.2 82.8





#31
Cyclohexane
Concen: 41.908 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

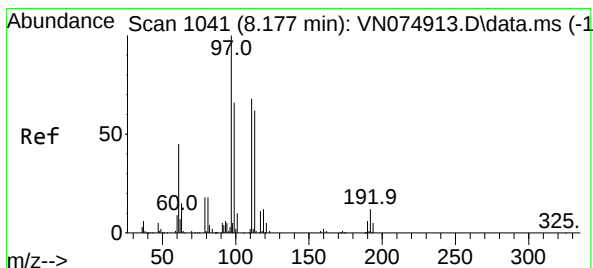
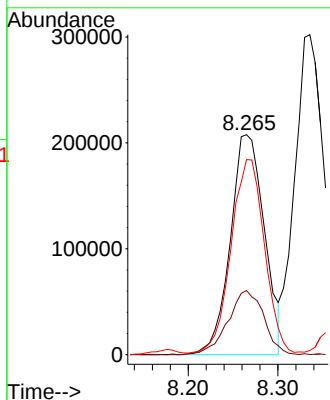
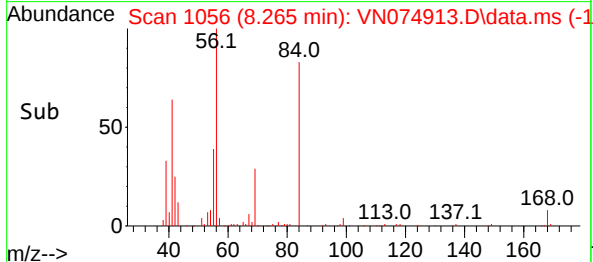
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



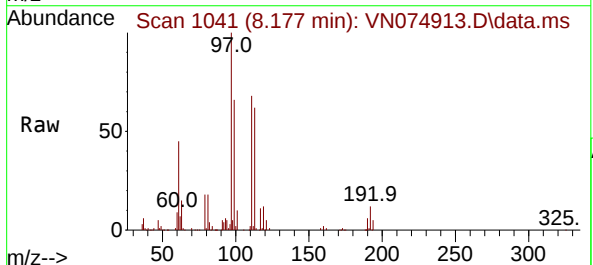
Tgt Ion: 56 Resp: 54776
Ion Ratio Lower Upper
56 100
69 29.2 24.3 36.5
84 87.4 69.8 104.8

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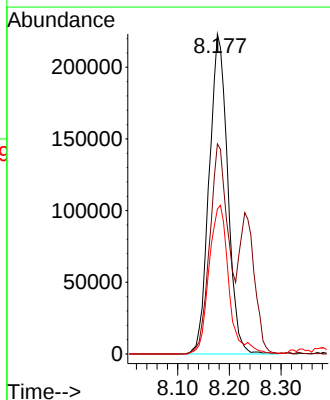
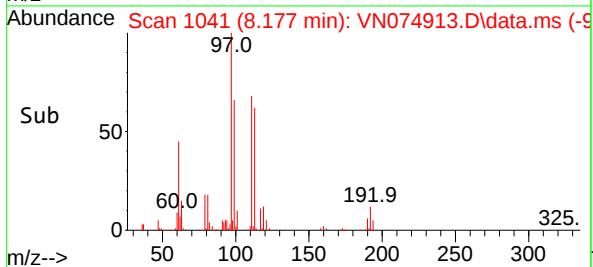
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

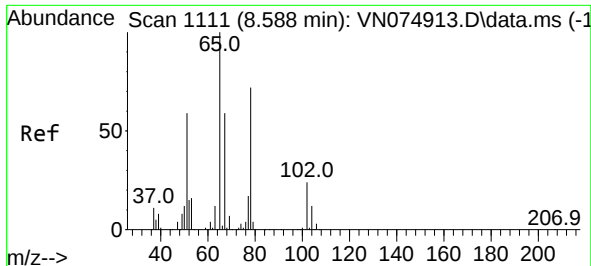


#32
1,1,1-Trichloroethane
Concen: 46.377 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00



Tgt Ion: 97 Resp: 555122
Ion Ratio Lower Upper
97 100
99 66.5 52.1 78.1
61 49.8 40.5 60.7





#33

1,2-Dichloroethane-d4

Concen: 50.839 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN074913.D

Acq: 17 Oct 2022 13:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 44748

Ion Ratio Lower Upper

65 100

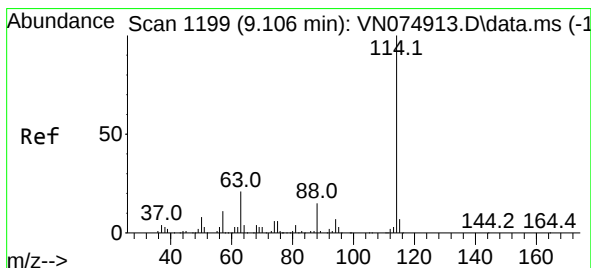
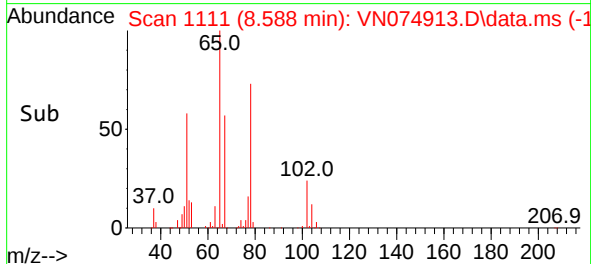
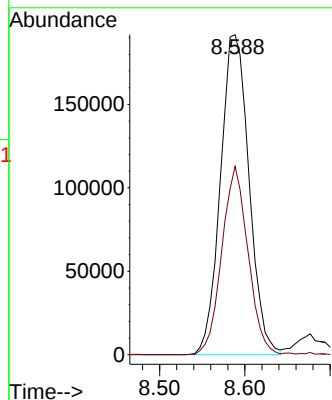
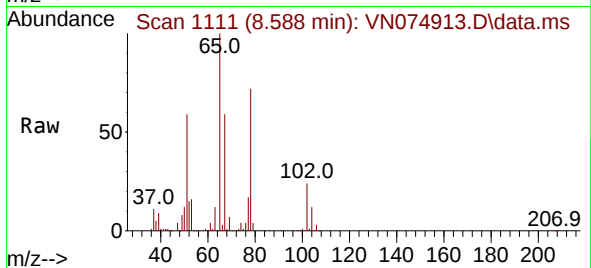
67 54.1 0.0 108.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074913.D

Acq: 17 Oct 2022 13:00

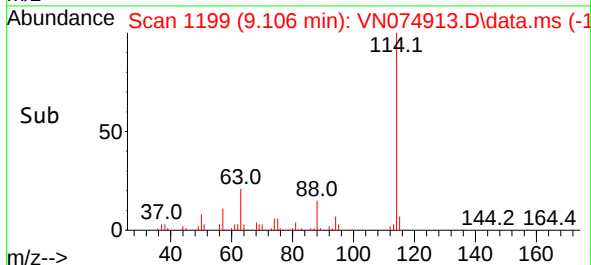
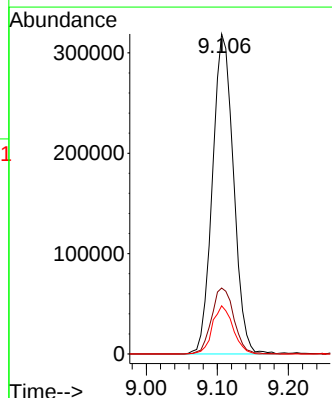
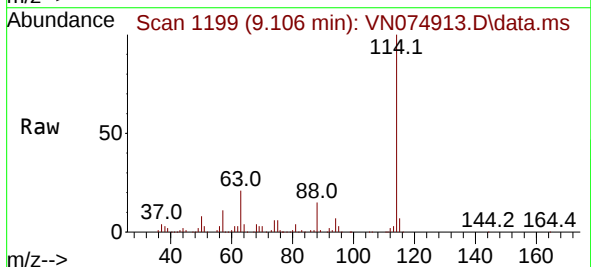
Tgt Ion:114 Resp: 655395

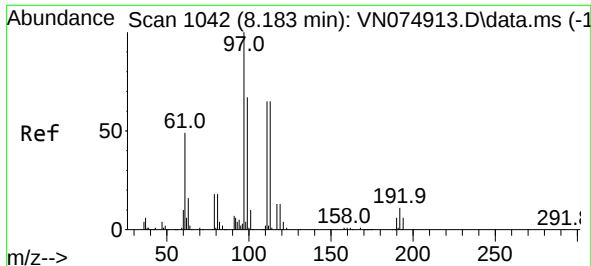
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

88 15.1 0.0 25.8





#35

Dibromofluoromethane

Concen: 49.053 ug/l

RT: 8.183 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VN074913.D

Acq: 17 Oct 2022 13:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 34920

Ion Ratio Lower Upper

113 100

111 103.6 81.1 121.7

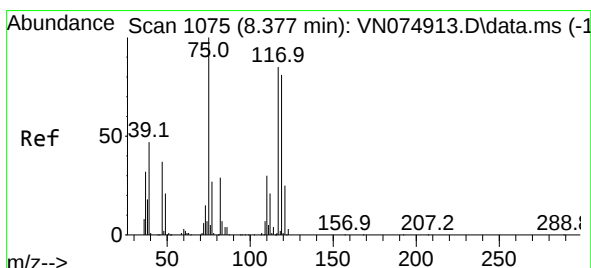
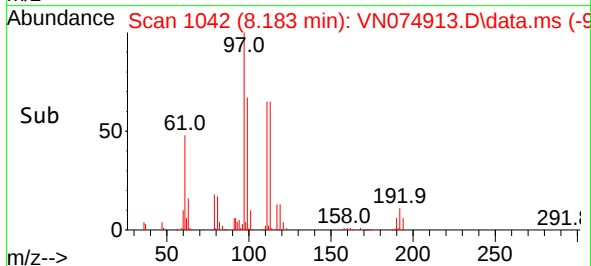
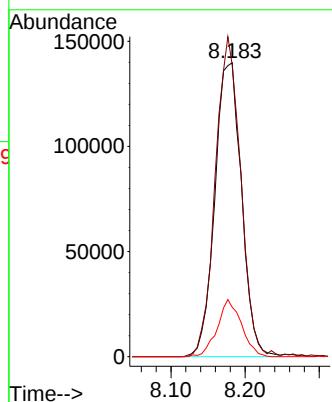
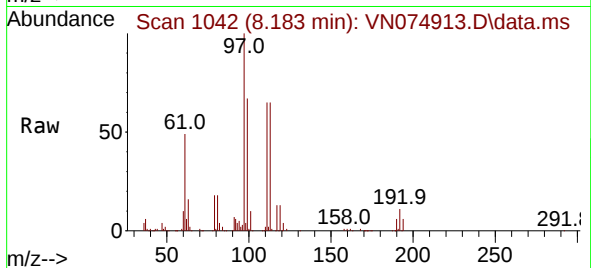
192 17.7 13.1 19.7

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#36

1,1-Dichloropropene

Concen: 44.241 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN074913.D

Acq: 17 Oct 2022 13:00

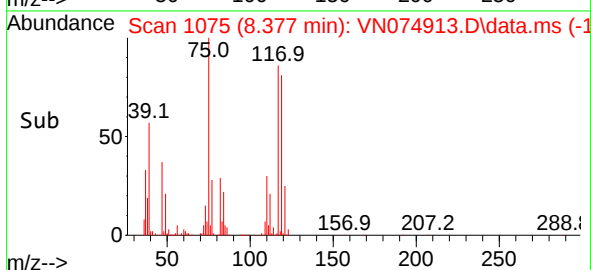
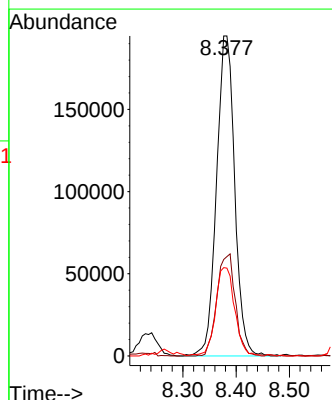
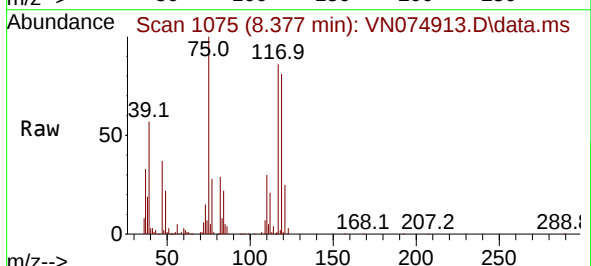
Tgt Ion: 75 Resp: 461679

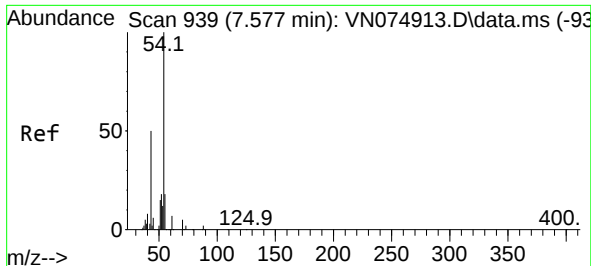
Ion Ratio Lower Upper

75 100

110 32.2 16.3 48.8

77 29.1 24.8 37.2





#37

Ethyl Acetate

Concen: 43.040 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074913.D

Acq: 17 Oct 2022 13:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 68019

Ion Ratio Lower Upper

43 100

61 12.4 10.5 15.7

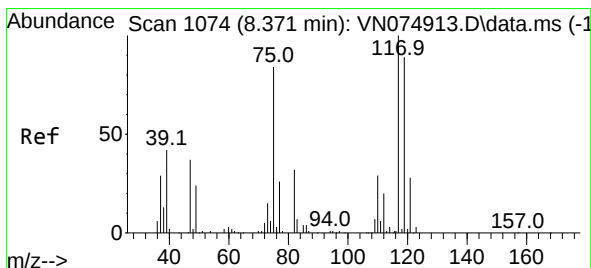
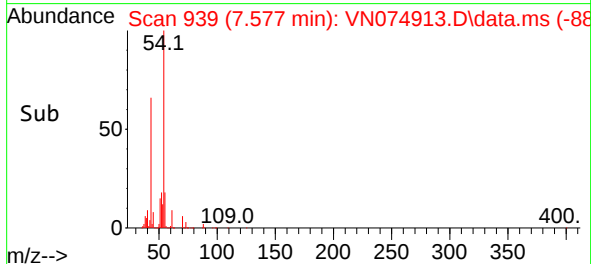
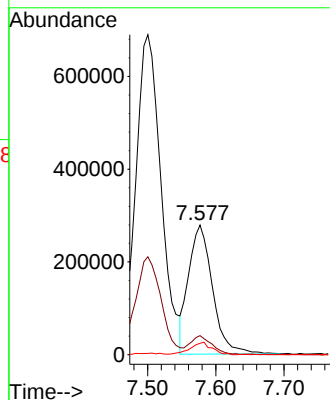
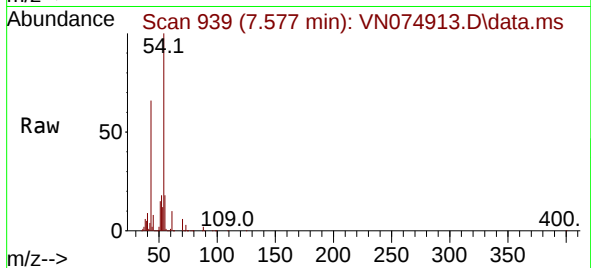
70 8.5 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#38

Carbon Tetrachloride

Concen: 46.354 ug/l

RT: 8.371 min Scan# 1074

Delta R.T. 0.000 min

Lab File: VN074913.D

Acq: 17 Oct 2022 13:00

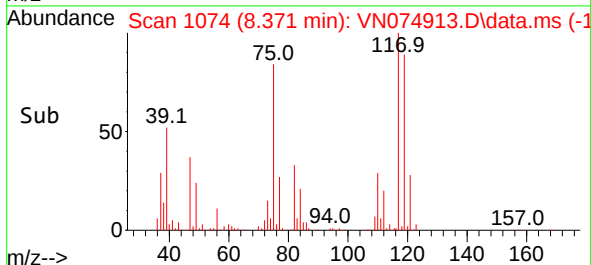
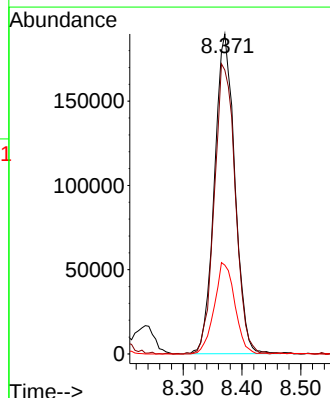
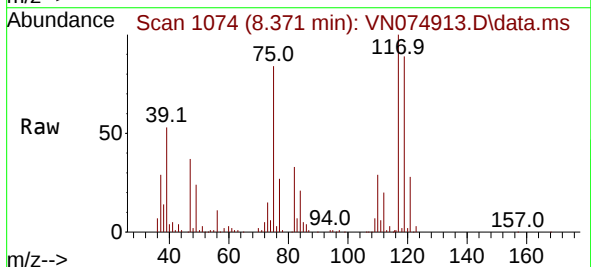
Tgt Ion:117 Resp: 457257

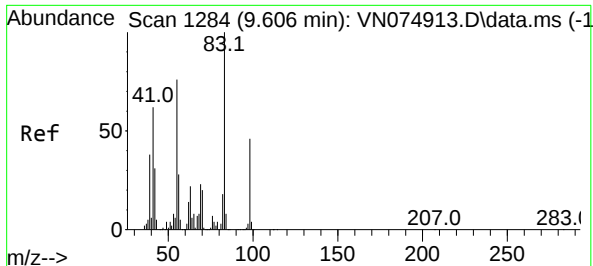
Ion Ratio Lower Upper

117 100

119 88.8 75.8 113.8

121 27.8 23.8 35.6





#39

Methylcyclohexane

Concen: 44.449 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN074913.D

Acq: 17 Oct 2022 13:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

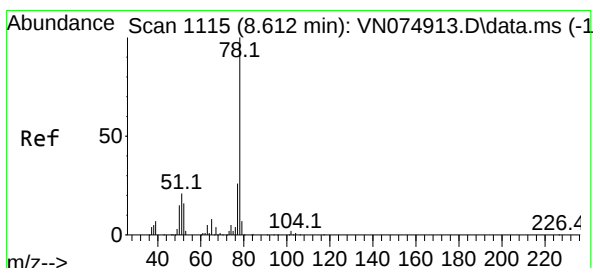
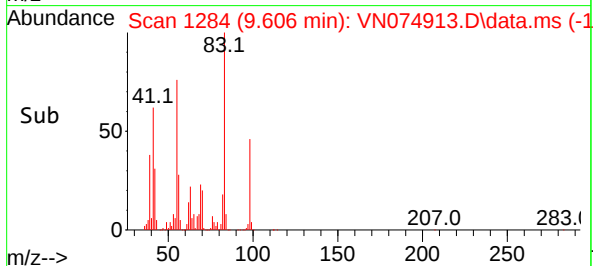
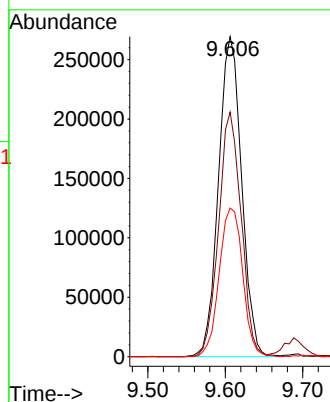
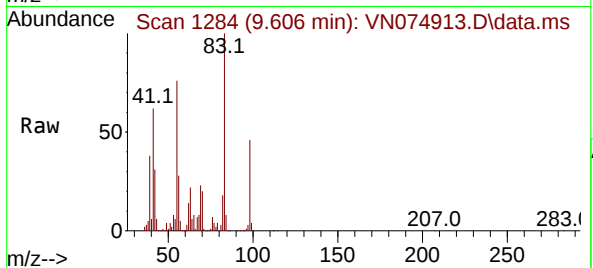
Tgt Ion:	83	Resp:	559314
Ion	Ratio	Lower	Upper
83	100		
55	76.5	58.2	87.2
98	46.5	39.3	58.9

Manual Integrations

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Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#40

Benzene

Concen: 43.087 ug/l

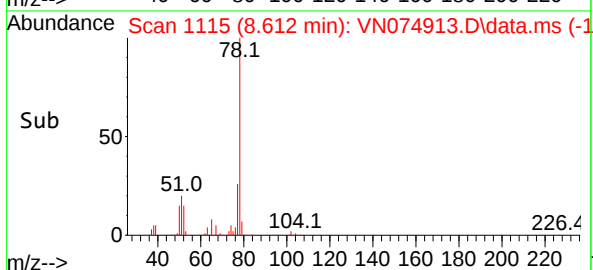
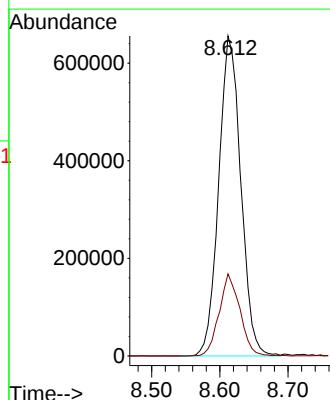
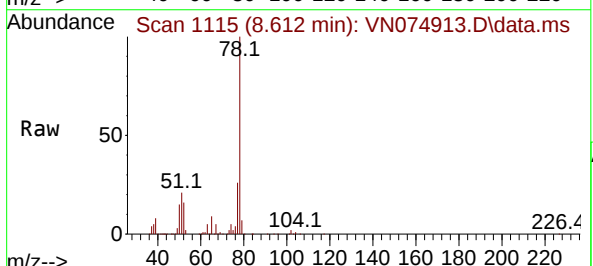
RT: 8.612 min Scan# 1115

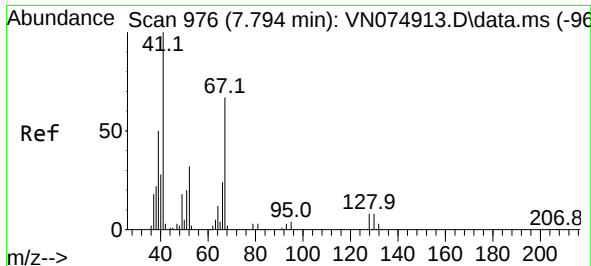
Delta R.T. -0.006 min

Lab File: VN074913.D

Acq: 17 Oct 2022 13:00

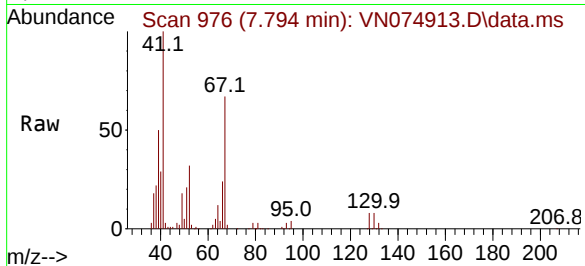
Tgt Ion:	78	Resp:	1478869
Ion	Ratio	Lower	Upper
78	100		
77	25.6	19.4	29.0





#41
Methacrylonitrile
Concen: 46.924 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

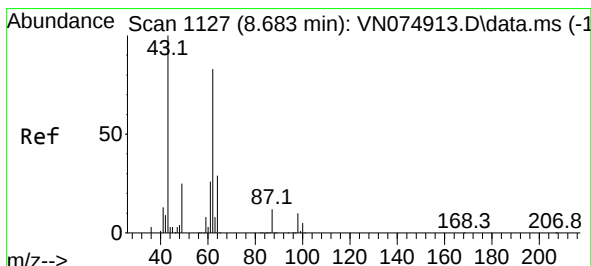
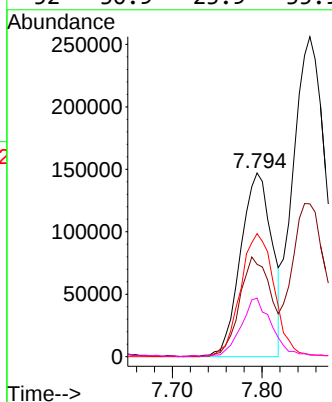
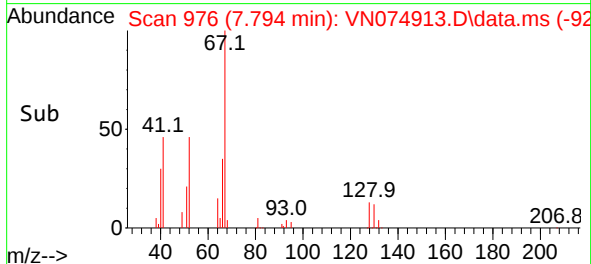
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 35785
Ion Ratio Lower Upper
41 100
39 54.0 43.4 65.0
67 72.4 58.0 87.0
52 30.9 23.9 35.9

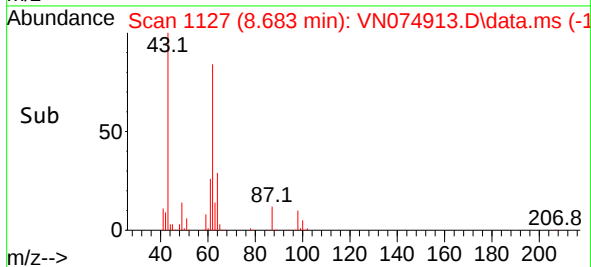
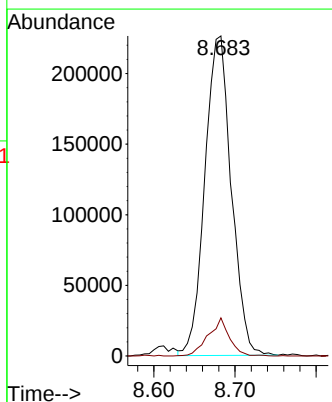
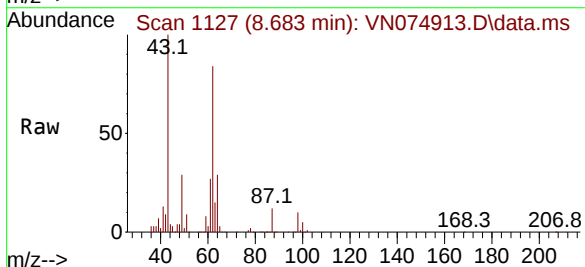
Manual Integrations
APPROVED

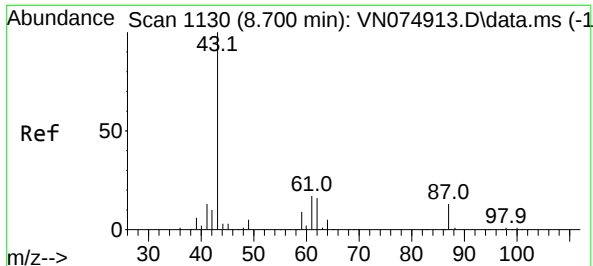
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#42
1,2-Dichloroethane
Concen: 45.702 ug/l
RT: 8.683 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

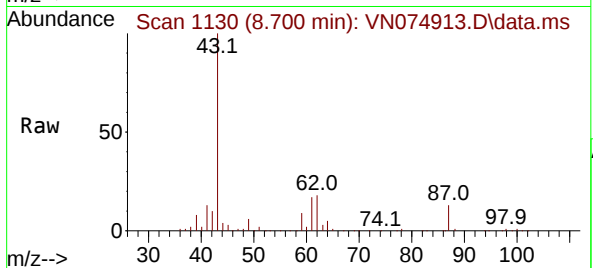
Tgt Ion: 62 Resp: 512427
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.4





#43
Isopropyl Acetate
Concen: 46.115 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

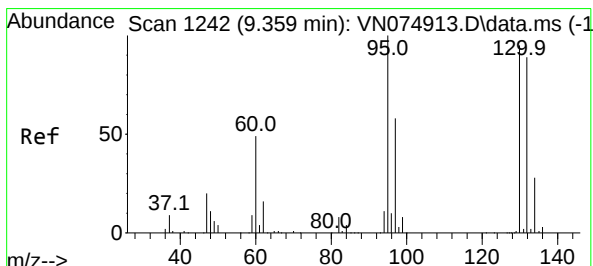
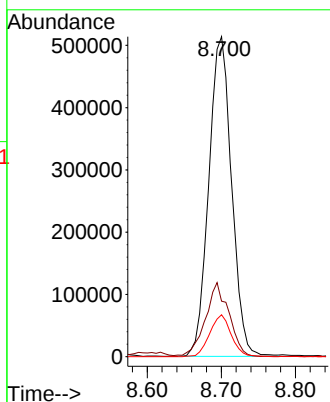
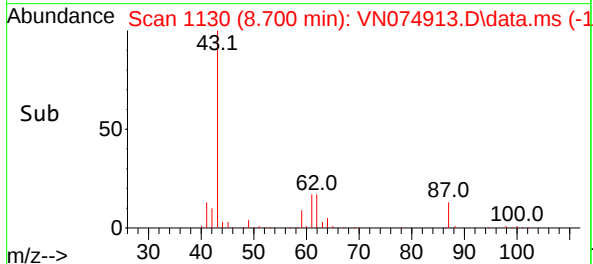
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



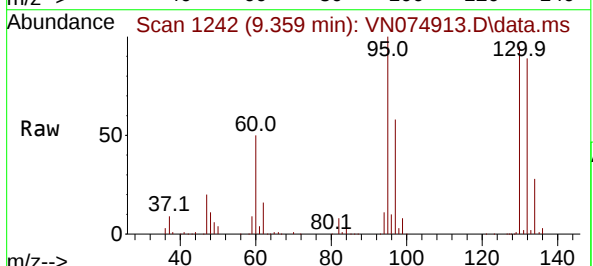
Tgt Ion: 43 Resp: 1099644
Ion Ratio Lower Upper
43 100
61 23.8 19.2 28.8
87 12.4 9.8 14.8

Manual Integrations
APPROVED

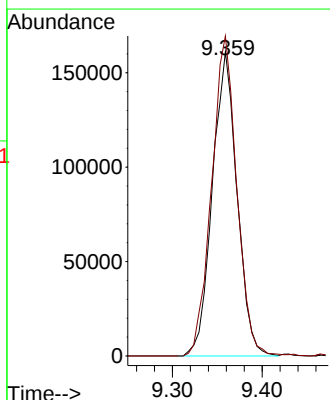
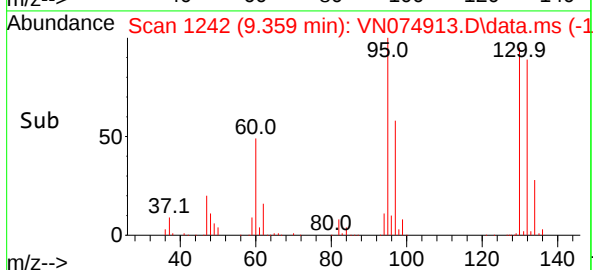
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

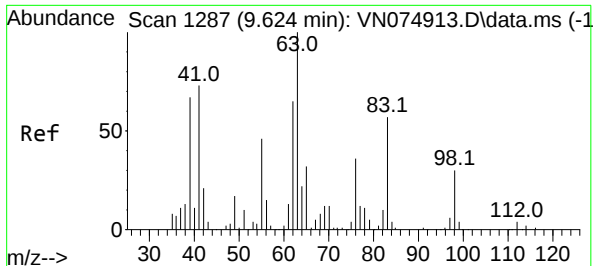


#44
Trichloroethene
Concen: 42.778 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00



Tgt Ion:130 Resp: 307266
Ion Ratio Lower Upper
130 100
95 105.2 0.0 189.2





#45

1,2-Dichloropropane

Concen: 44.400 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.006 min

Lab File: VN074913.D

Acq: 17 Oct 2022 13:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 410214

Ion Ratio Lower Upper

63 100

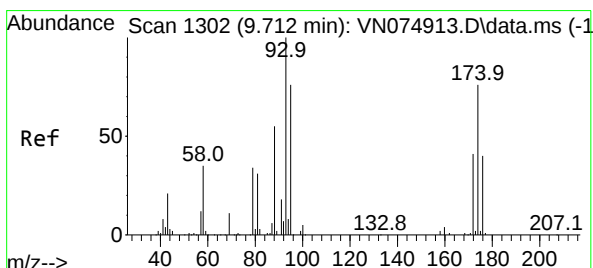
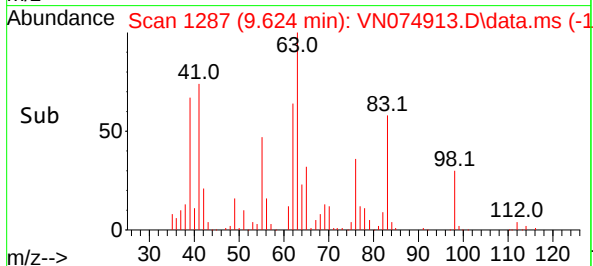
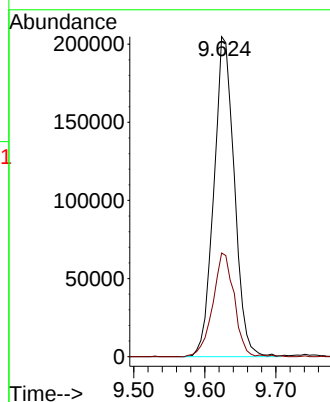
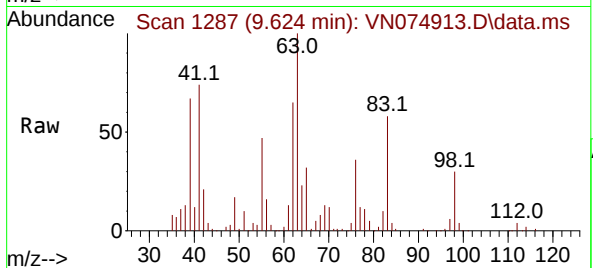
65 32.4 21.9 32.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#46

Dibromomethane

Concen: 43.787 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN074913.D

Acq: 17 Oct 2022 13:00

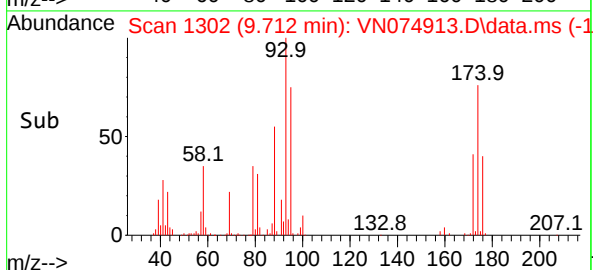
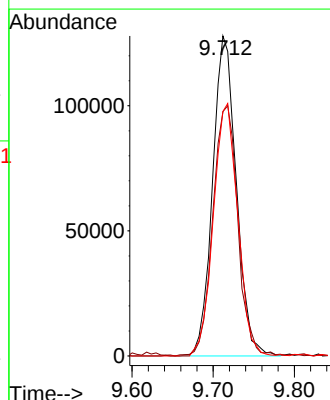
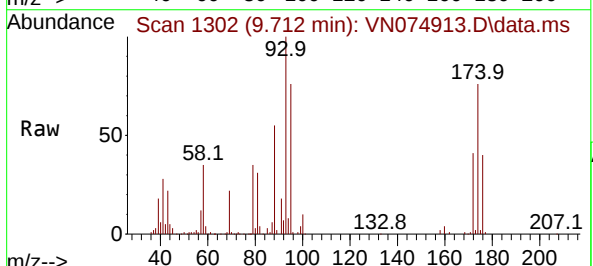
Tgt Ion: 93 Resp: 259039

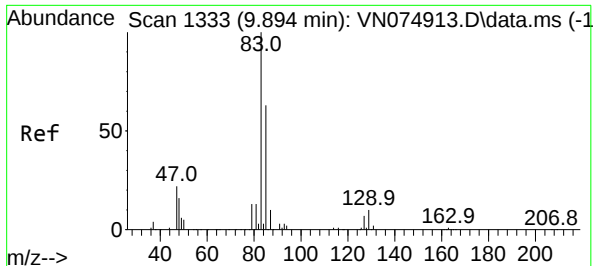
Ion Ratio Lower Upper

93 100

95 82.5 67.4 101.2

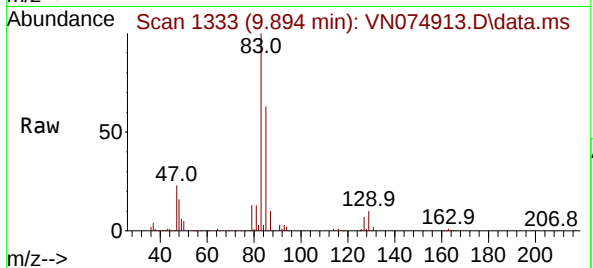
174 81.4 67.8 101.8





#47
Bromodichloromethane
Concen: 47.073 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

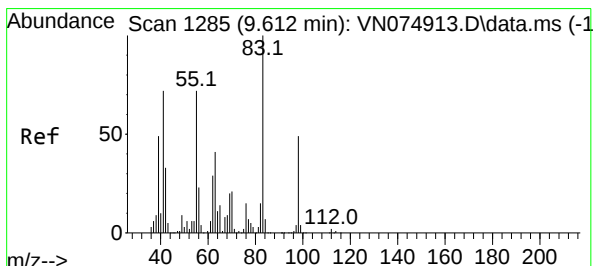
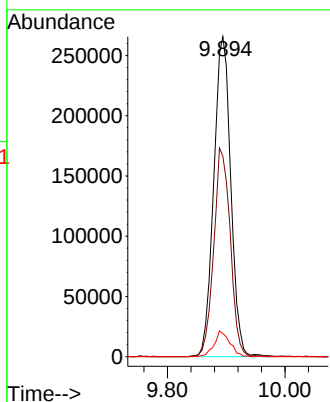
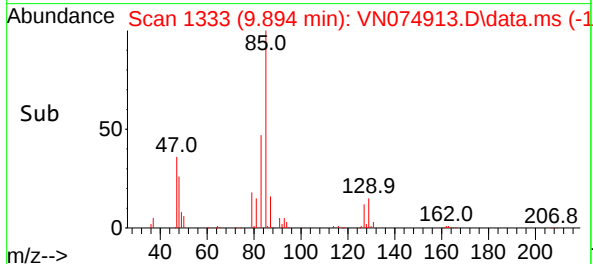
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 53434
Ion Ratio Lower Upper
83 100
85 62.7 51.0 76.4
127 7.2 6.4 9.6

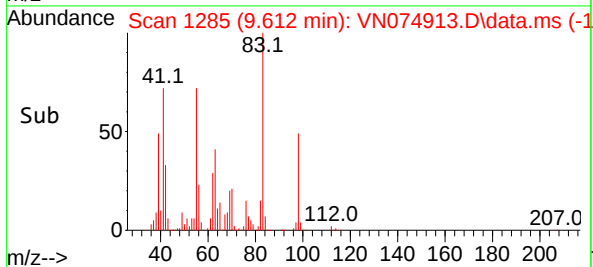
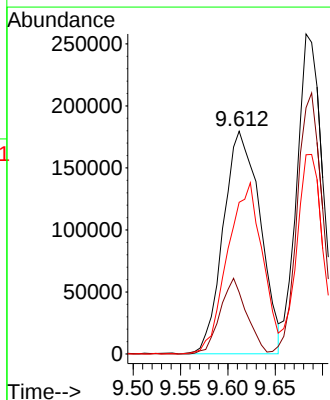
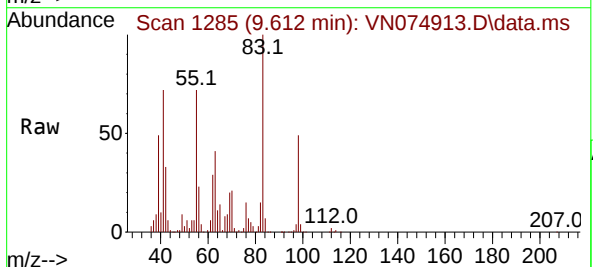
Manual Integrations
APPROVED

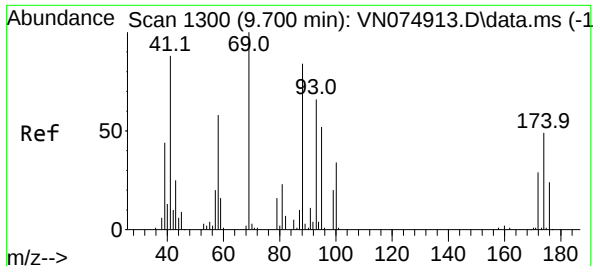
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#48
Methyl methacrylate
Concen: 43.798 ug/l
RT: 9.612 min Scan# 1285
Delta R.T. -0.006 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

Tgt Ion: 41 Resp: 486382
Ion Ratio Lower Upper
41 100
69 24.4 0.0 0.0#
39 72.9 58.9 88.3





#49

1,4-Dioxane

Concen: 946.090 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN074913.D

Acq: 17 Oct 2022 13:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 19142

Ion Ratio Lower Upper

88 100

43 24.3 24.5 36.7

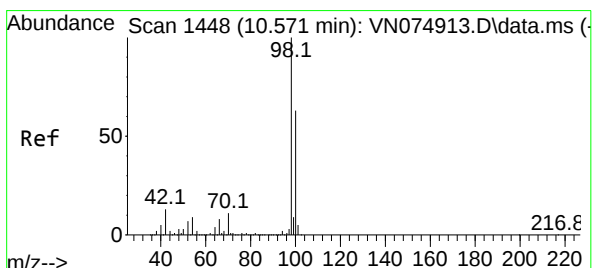
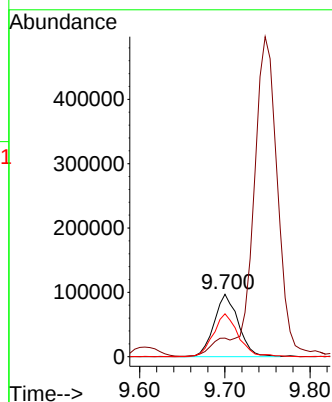
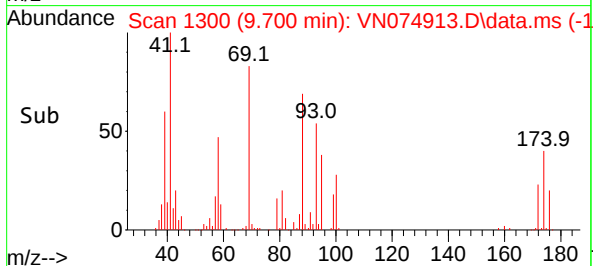
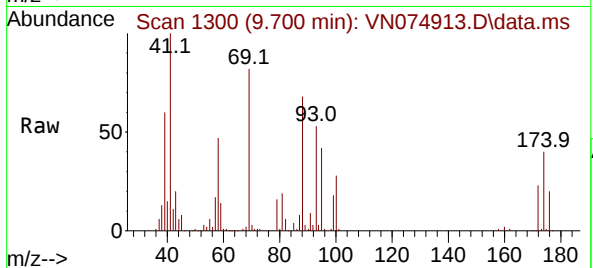
58 71.1 57.0 85.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#50

Toluene-d8

Concen: 50.196 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN074913.D

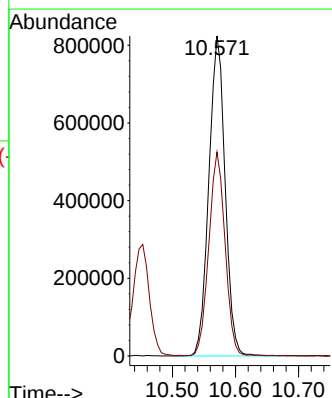
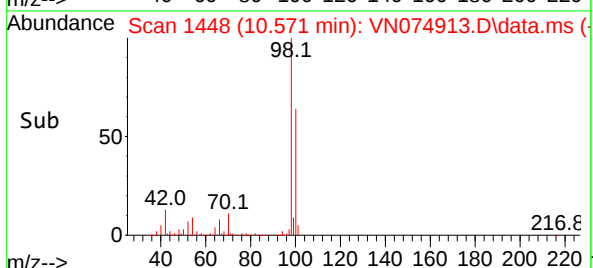
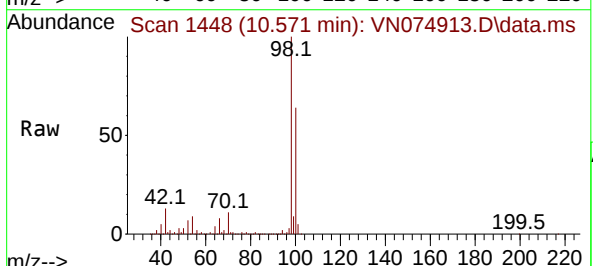
Acq: 17 Oct 2022 13:00

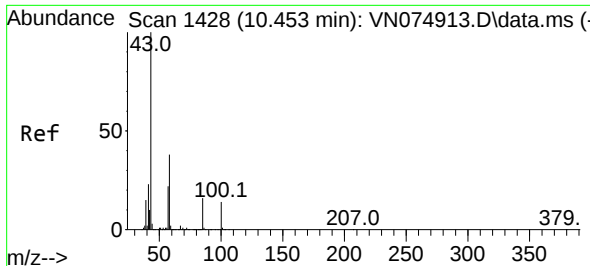
Tgt Ion: 98 Resp: 1474195

Ion Ratio Lower Upper

98 100

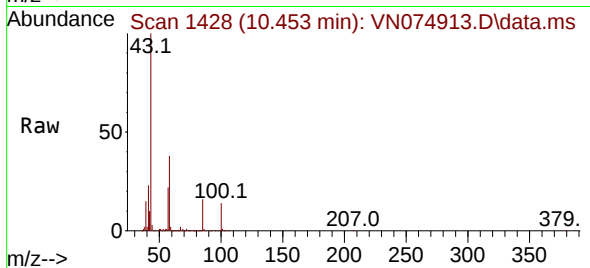
100 63.4 49.8 74.6





#51
4-Methyl-2-Pentanone
Concen: 238.743 ug/l
RT: 10.453 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

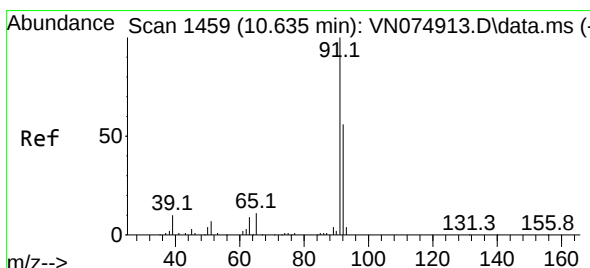
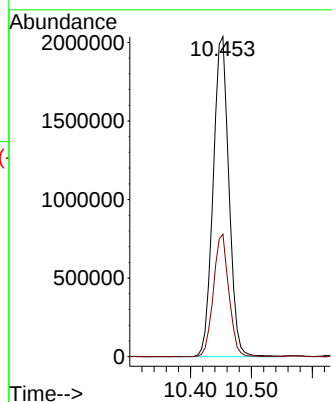
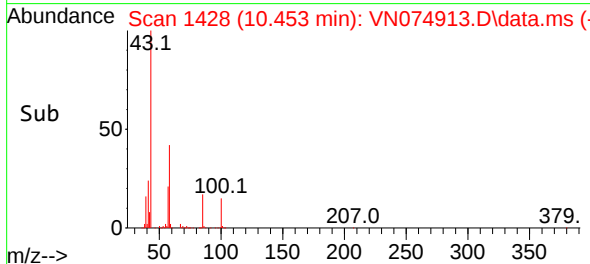
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 3660672
Ion Ratio Lower Upper
43 100
58 37.5 30.1 45.1

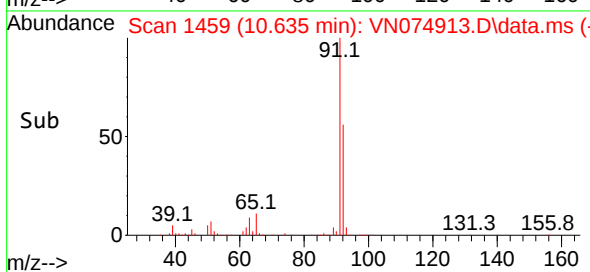
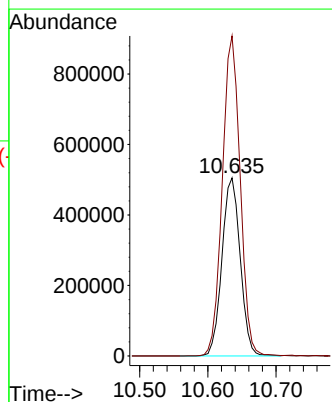
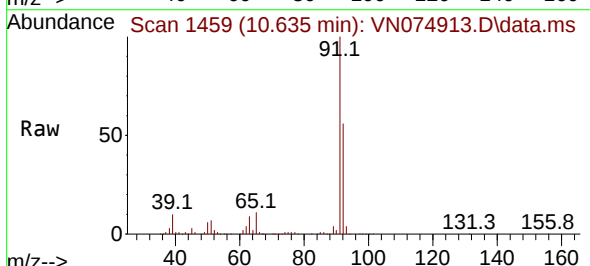
Manual Integrations
APPROVED

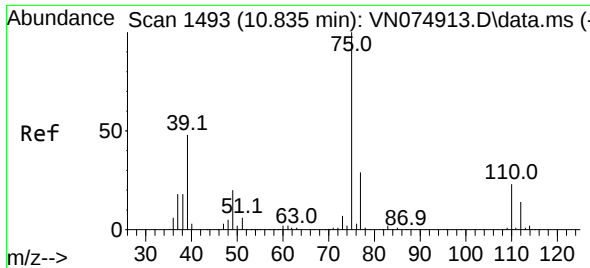
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#52
Toluene
Concen: 45.709 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

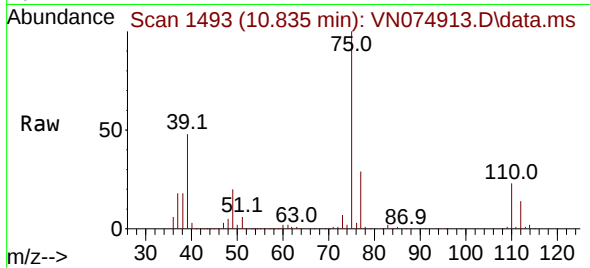
Tgt Ion: 92 Resp: 939732
Ion Ratio Lower Upper
92 100
91 176.3 140.0 210.0





#53
t-1,3-Dichloropropene
Concen: 48.572 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

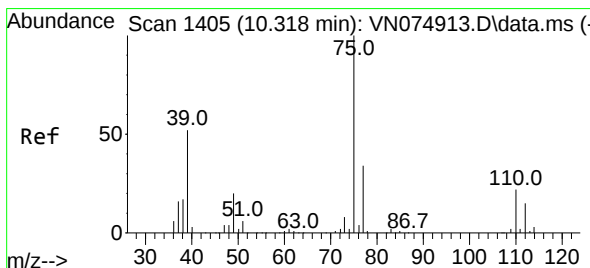
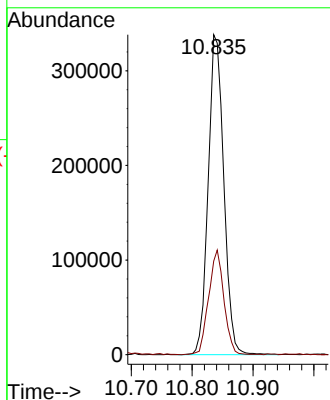
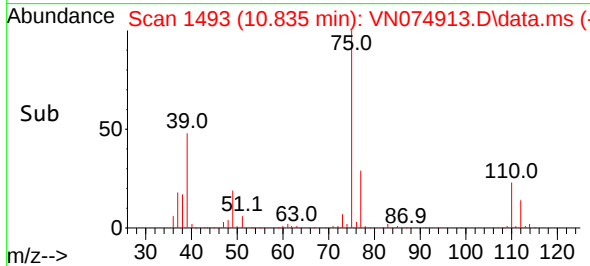
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 602550
Ion Ratio Lower Upper
75 100
77 29.2 24.4 36.6

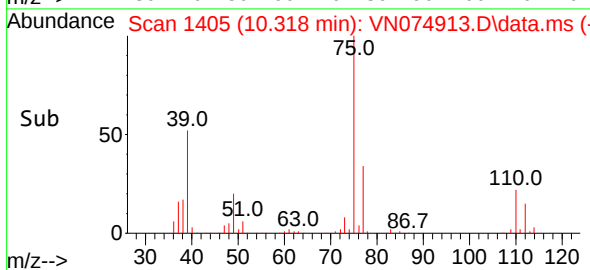
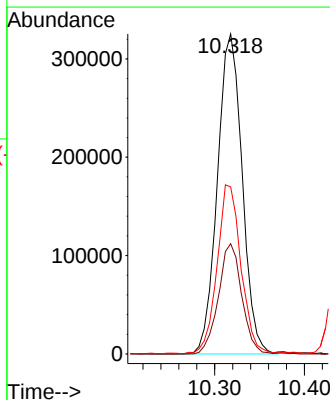
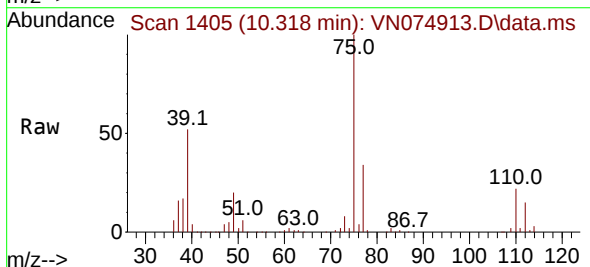
Manual Integrations
APPROVED

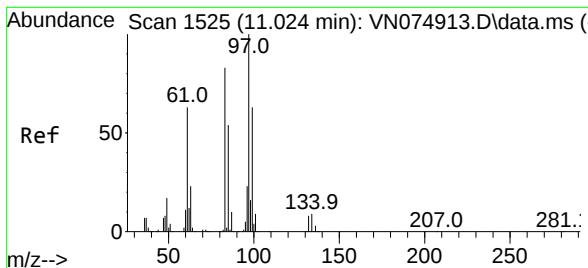
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#54
cis-1,3-Dichloropropene
Concen: 47.140 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

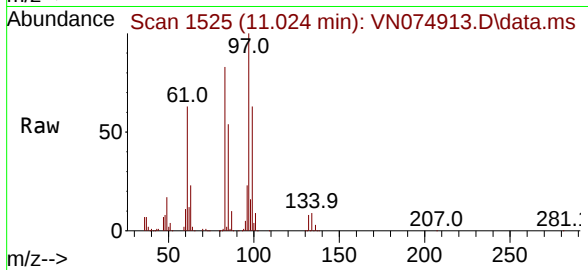
Tgt Ion: 75 Resp: 623487
Ion Ratio Lower Upper
75 100
77 34.5 27.8 41.8
39 52.0 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 47.428 ug/l
RT: 11.024 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

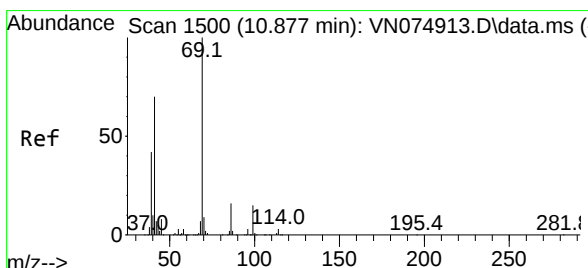
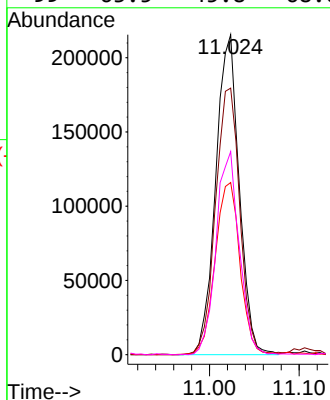
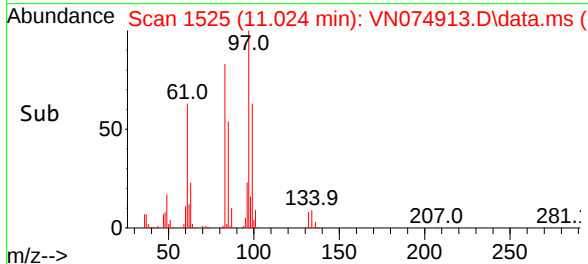
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



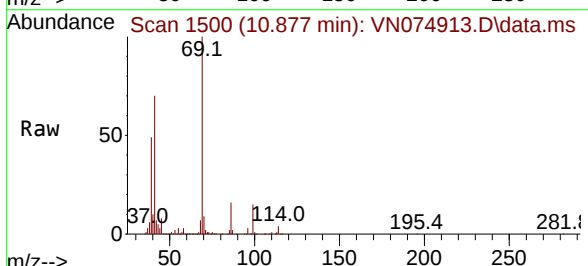
Tgt Ion: 97 Resp: 391644
Ion Ratio Lower Upper
97 100
83 83.3 68.7 103.1
85 53.7 45.9 68.9
99 63.5 45.8 68.6

Manual Integrations
APPROVED

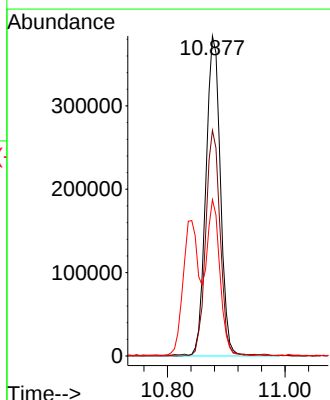
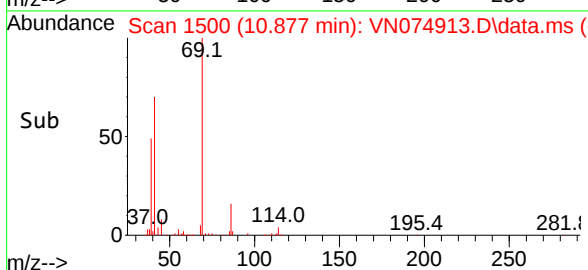
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

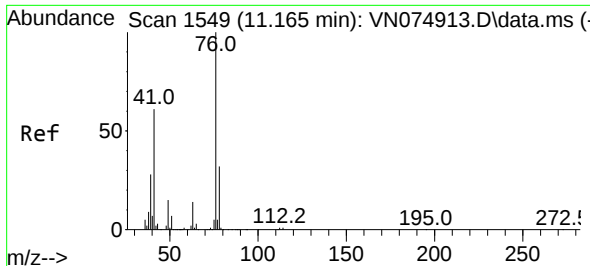


#56
Ethyl methacrylate
Concen: 49.872 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00



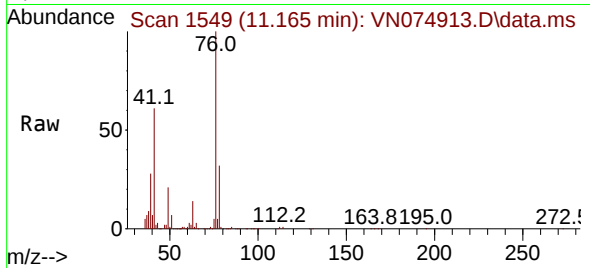
Tgt Ion: 69 Resp: 659194
Ion Ratio Lower Upper
69 100
41 69.9 57.8 86.8
39 44.0 34.9 52.3





#57
1,3-Dichloropropane
Concen: 45.651 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

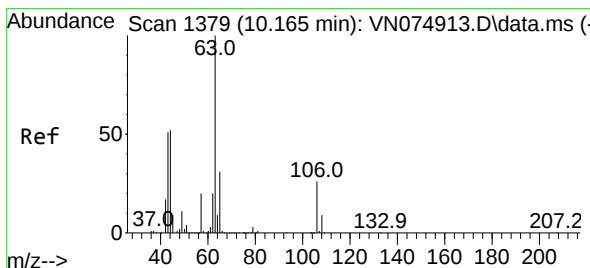
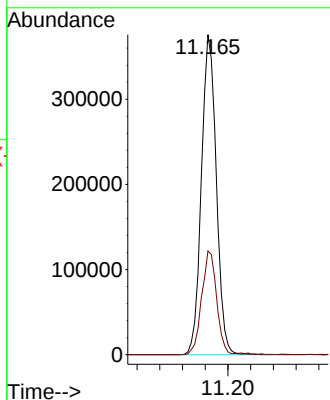
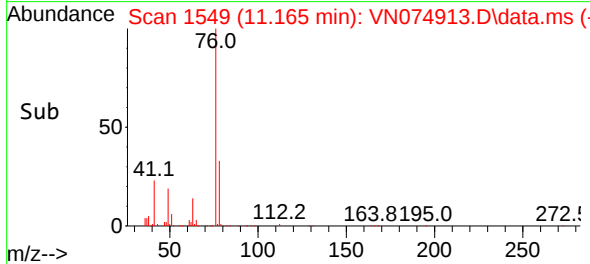
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 683694
Ion Ratio Lower Upper
76 100
78 32.6 25.7 38.5

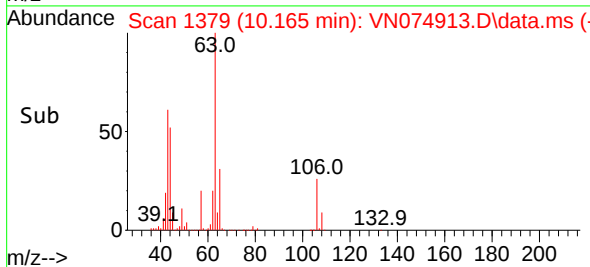
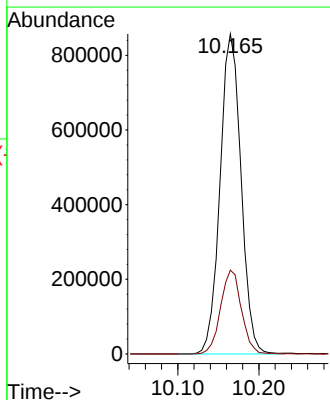
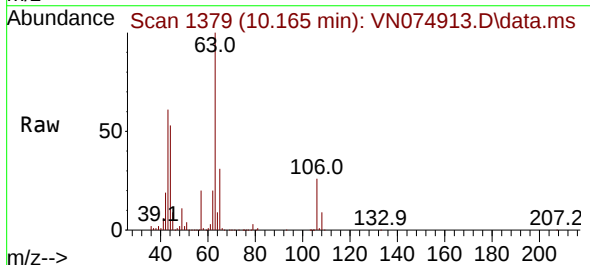
Manual Integrations
APPROVED

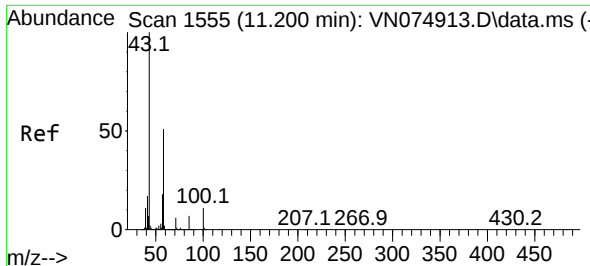
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#58
2-Chloroethyl Vinyl ether
Concen: 327.041 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

Tgt Ion: 63 Resp: 1538842
Ion Ratio Lower Upper
63 100
106 26.0 20.8 31.2





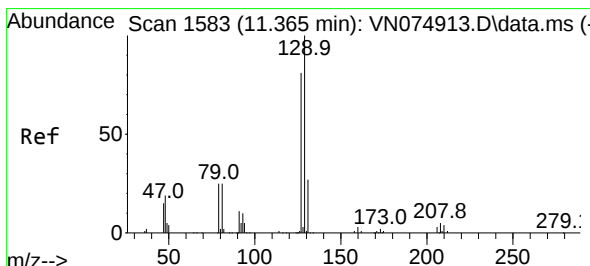
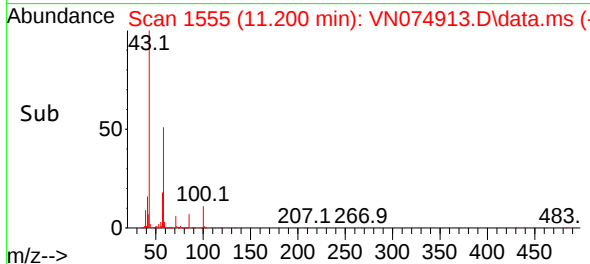
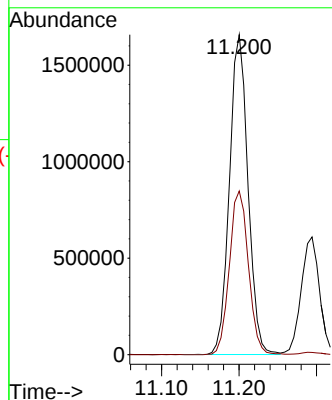
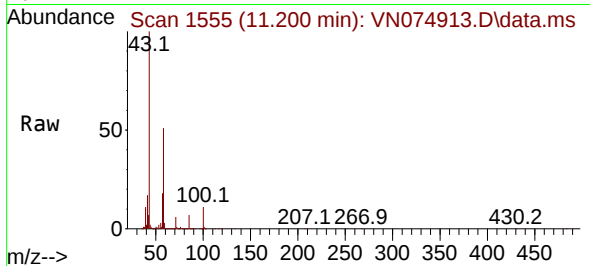
#59
2-Hexanone
Concen: 246.770 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 276244
Ion Ratio Lower Upper
43 100
58 52.6 26.8 80.3

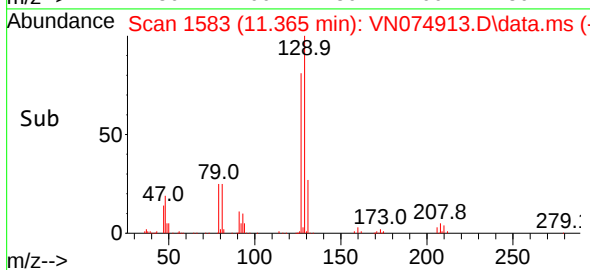
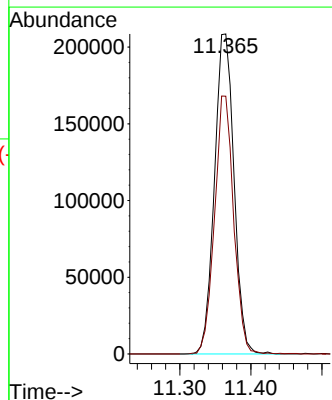
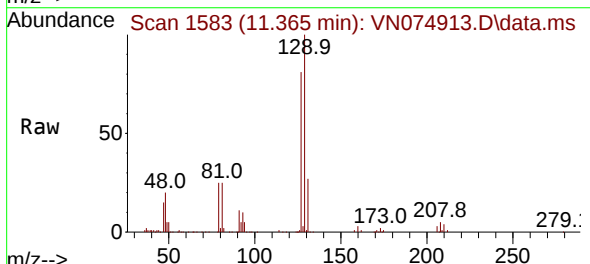
Manual Integrations
APPROVED

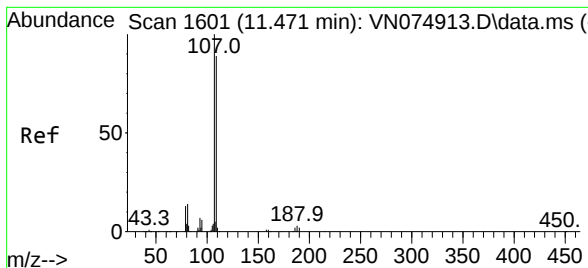
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#60
Dibromochloromethane
Concen: 48.074 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

Tgt Ion:129 Resp: 397812
Ion Ratio Lower Upper
129 100
127 78.8 38.8 116.3





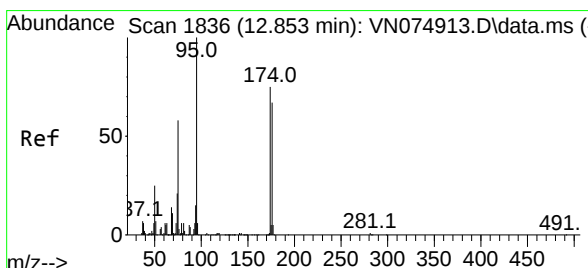
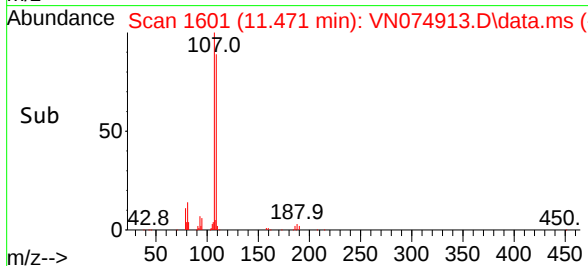
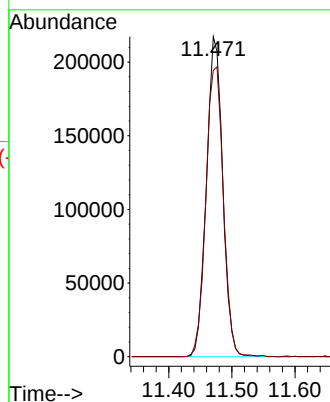
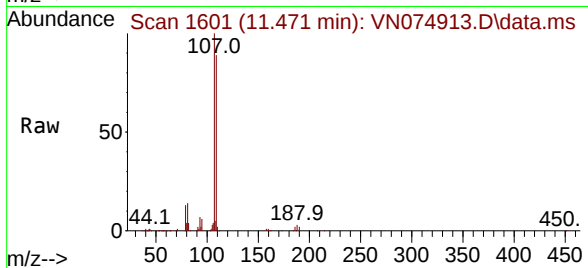
#61
1,2-Dibromoethane
Concen: 47.657 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:107 Resp: 389219
Ion Ratio Lower Upper
107 100
109 97.0 74.1 111.1

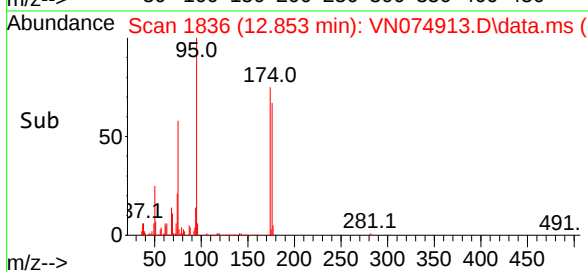
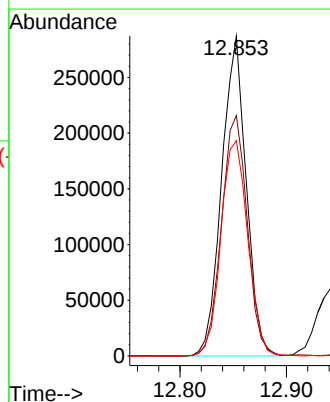
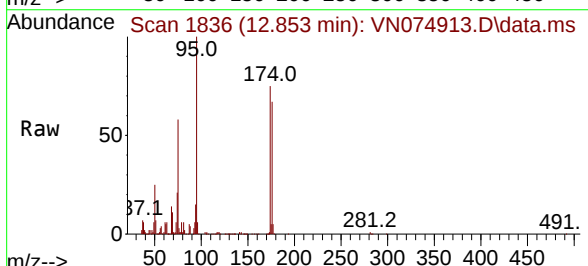
Manual Integrations
APPROVED

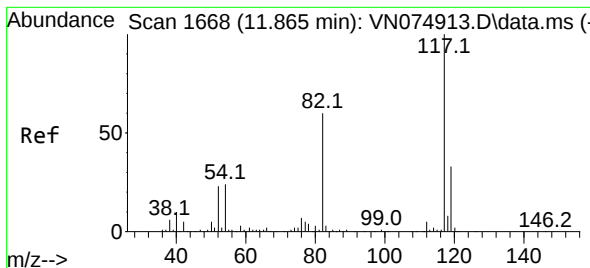
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#62
4-Bromofluorobenzene
Concen: 54.866 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

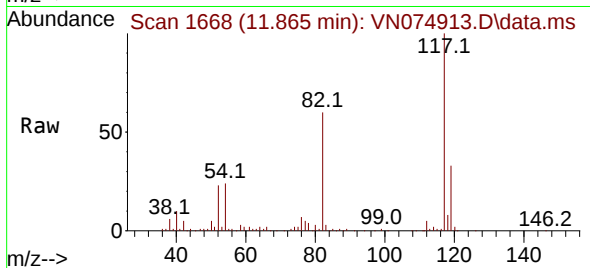
Tgt Ion: 95 Resp: 458804
Ion Ratio Lower Upper
95 100
174 78.9 0.0 159.4
176 74.0 0.0 152.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.005 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

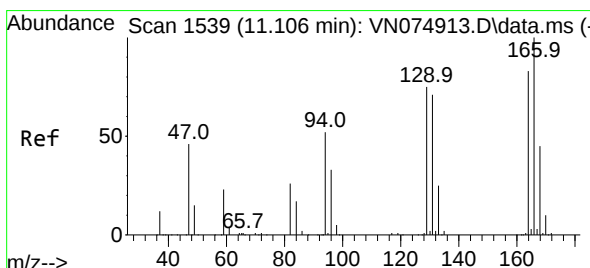
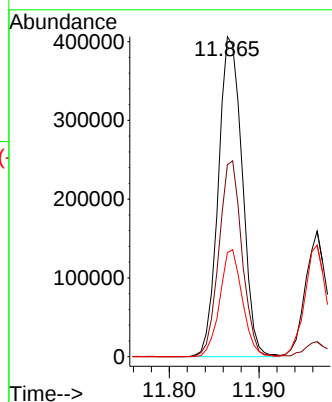
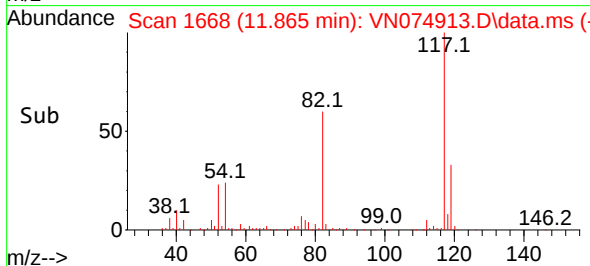
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 75055
Ion Ratio Lower Upper
117 100
82 60.0 44.2 66.2
119 32.6 24.4 36.6

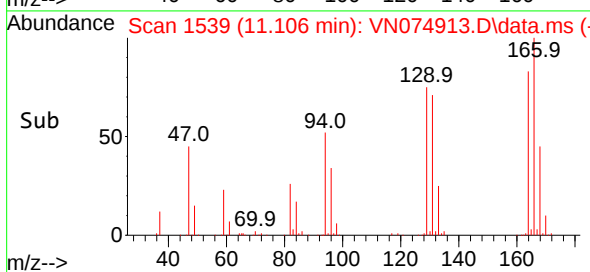
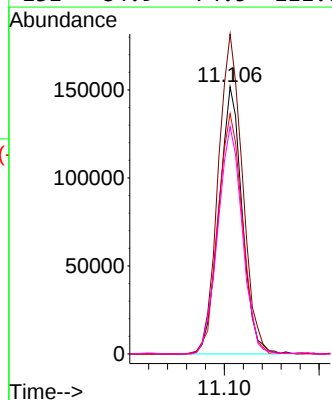
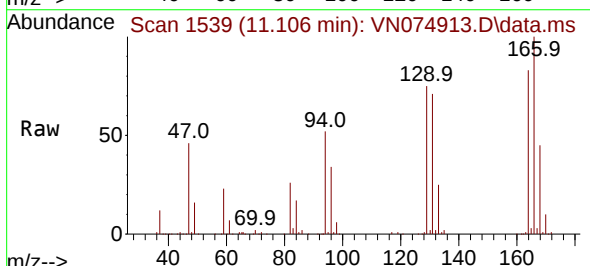
Manual Integrations
APPROVED

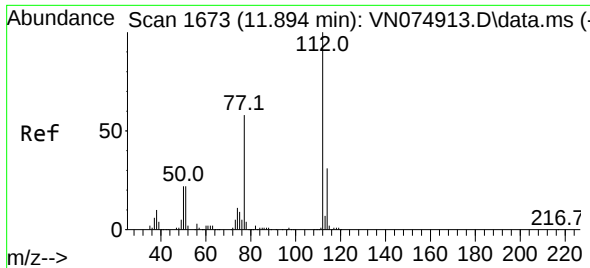
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#64
Tetrachloroethene
Concen: 42.611 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

Tgt Ion:164 Resp: 257977
Ion Ratio Lower Upper
164 100
166 119.8 100.9 151.3
129 90.0 75.2 112.8
131 84.9 74.5 111.7





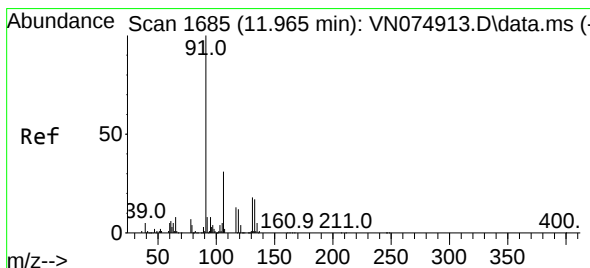
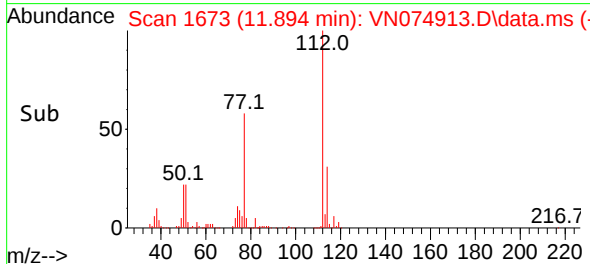
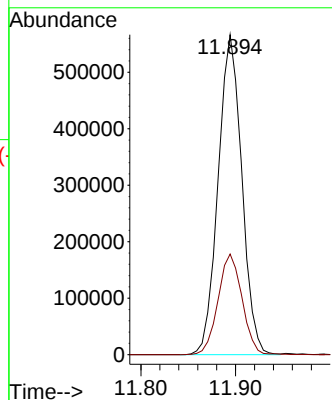
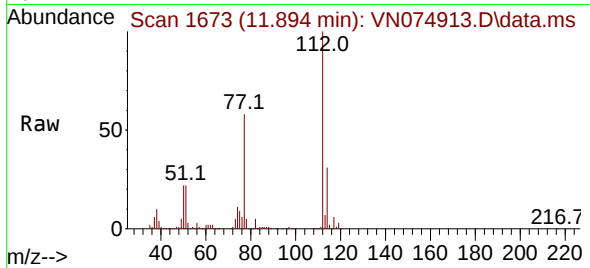
#65
Chlorobenzene
Concen: 45.403 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 983474
Ion Ratio Lower Upper
112 100
114 31.5 23.9 35.9

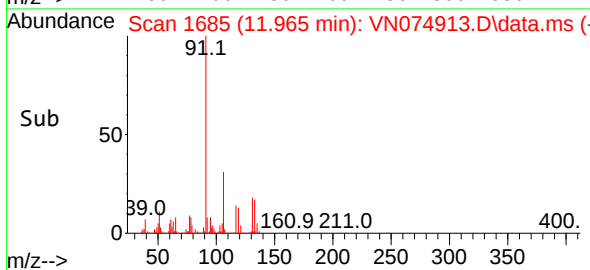
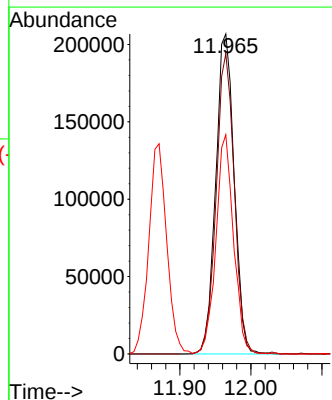
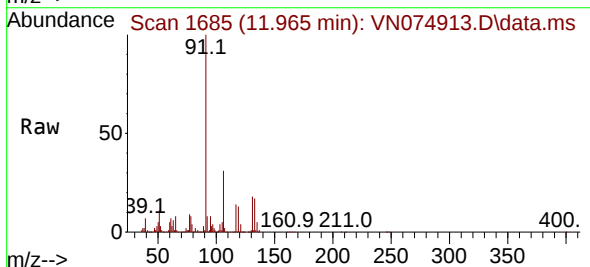
Manual Integrations
APPROVED

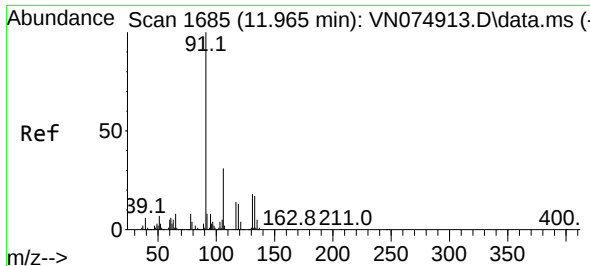
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 45.785 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

Tgt Ion:131 Resp: 371848
Ion Ratio Lower Upper
131 100
133 92.2 48.3 144.8
119 65.2 34.5 103.5





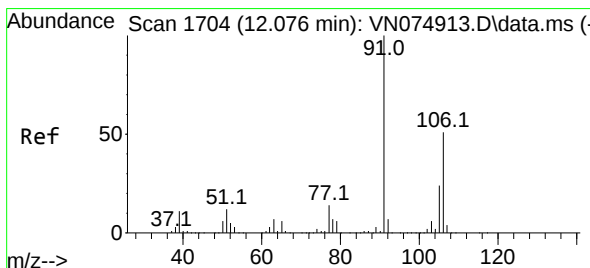
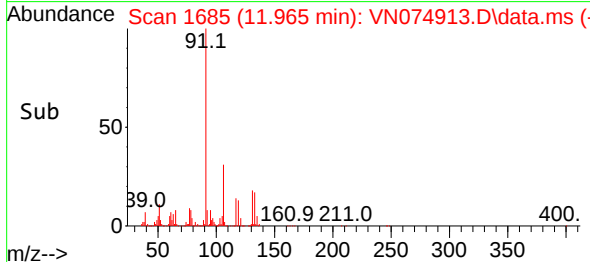
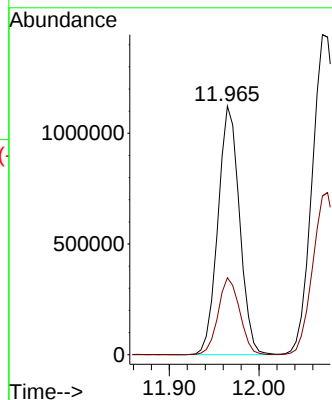
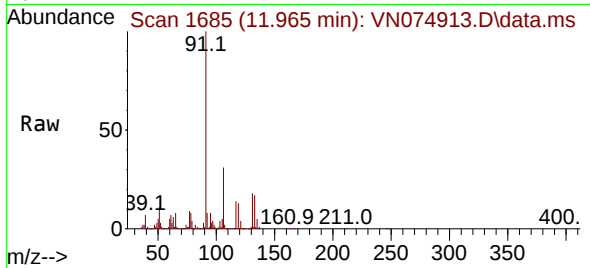
#67
Ethyl Benzene
Concen: 47.272 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 187738
Ion Ratio Lower Upper
91 100
106 30.9 25.8 38.8

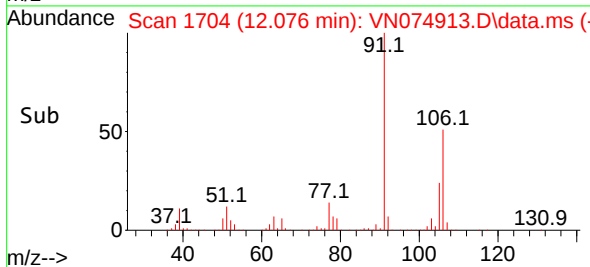
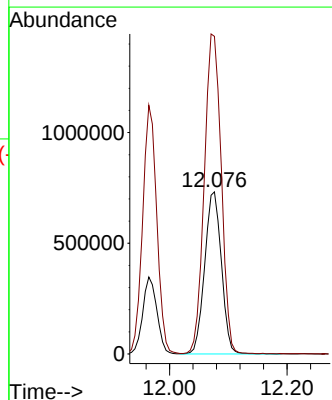
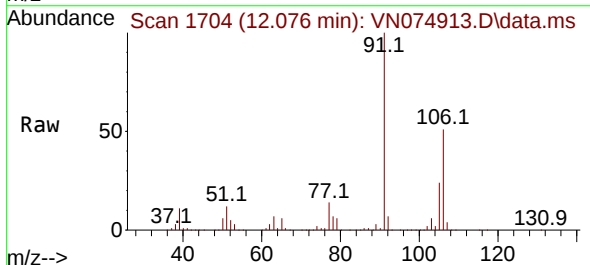
Manual Integrations
APPROVED

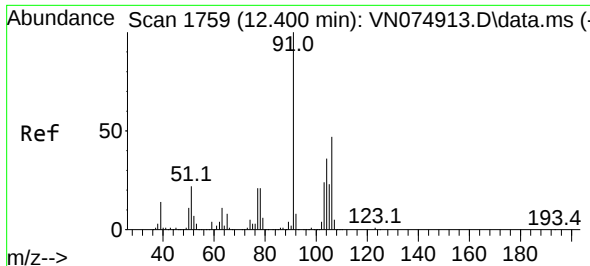
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#68
m/p-Xylenes
Concen: 97.472 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

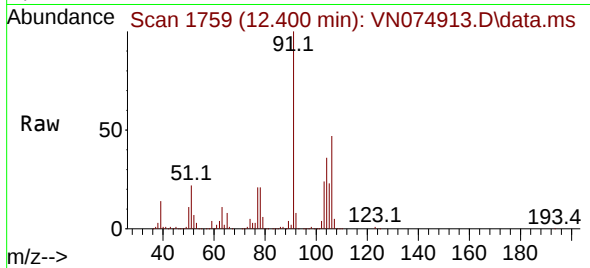
Tgt Ion:106 Resp: 1441414
Ion Ratio Lower Upper
106 100
91 200.7 161.5 242.3





#69
o-Xylene
Concen: 48.450 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

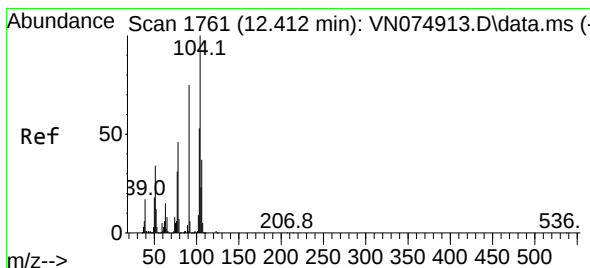
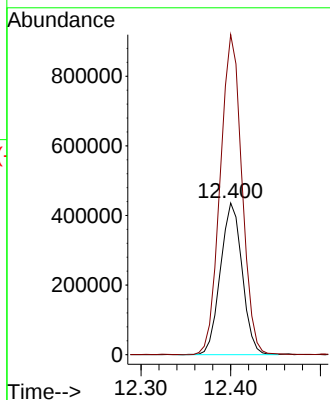
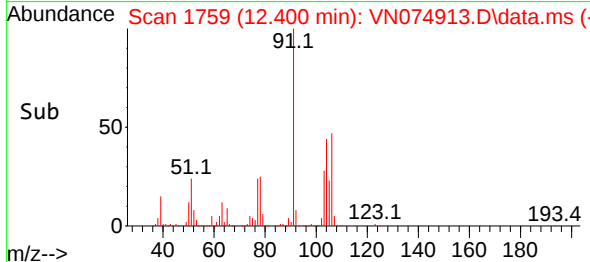
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 731860
Ion Ratio Lower Upper
106 100
91 211.8 106.5 319.6

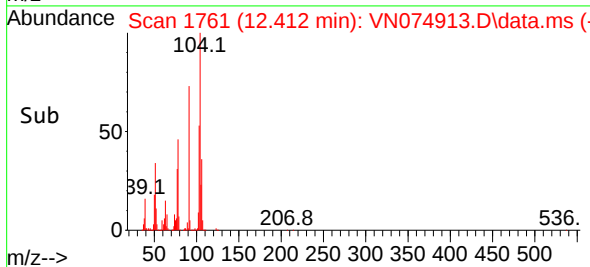
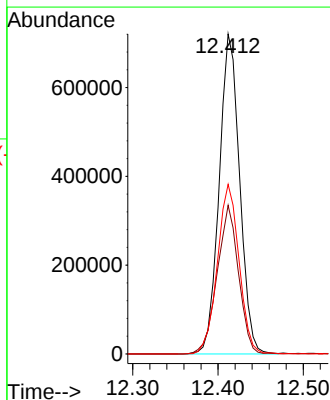
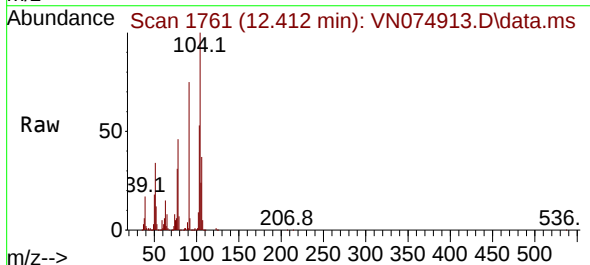
Manual Integrations
APPROVED

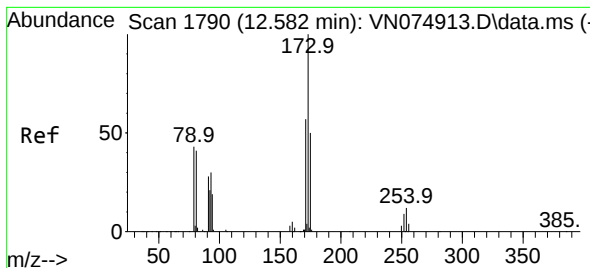
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#70
Styrene
Concen: 50.214 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

Tgt Ion:104 Resp: 1203032
Ion Ratio Lower Upper
104 100
78 48.5 38.8 58.2
103 56.2 43.4 65.0





#71

Bromoform

Concen: 49.964 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN074913.D

Acq: 17 Oct 2022 13:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 281040

Ion Ratio Lower Upper

173 100

175 49.0 25.2 75.6

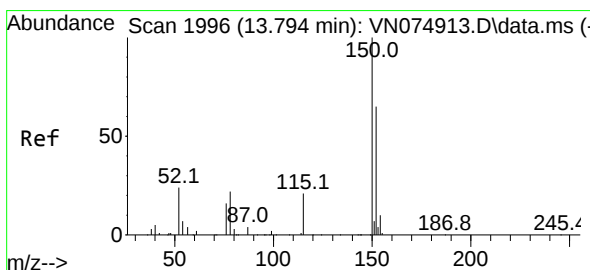
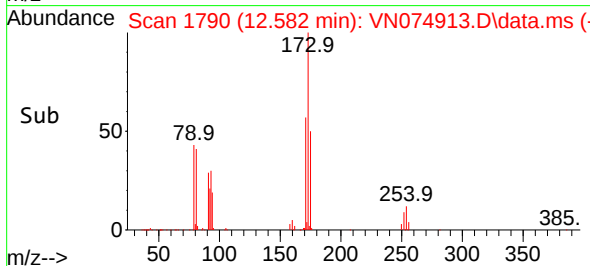
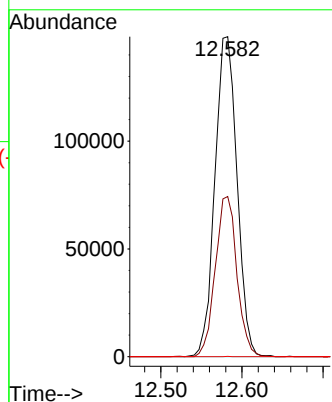
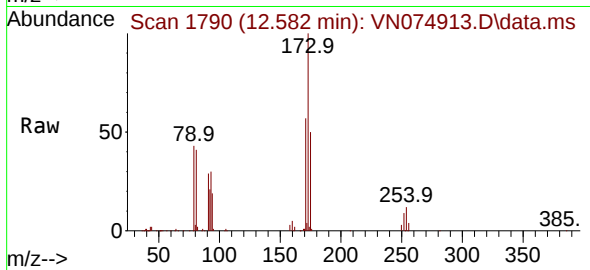
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN074913.D

Acq: 17 Oct 2022 13:00

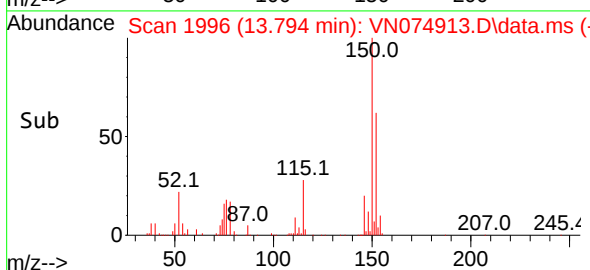
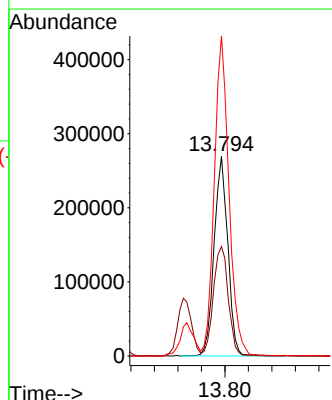
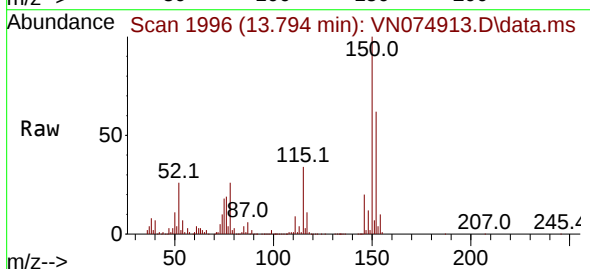
Tgt Ion:152 Resp: 436973

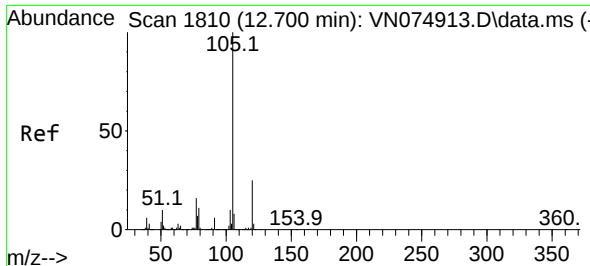
Ion Ratio Lower Upper

152 100

115 59.4 28.9 86.7

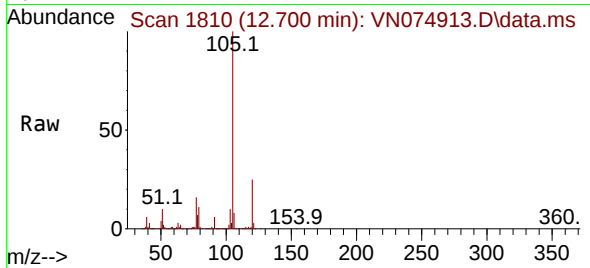
150 170.8 0.0 350.4





#73
Isopropylbenzene
Concen: 48.565 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

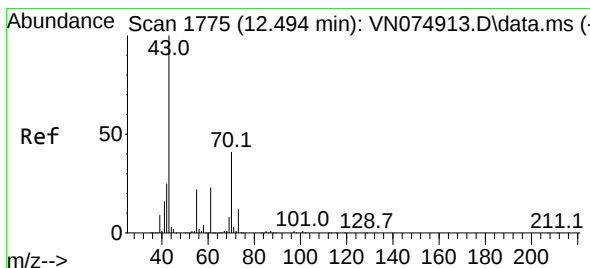
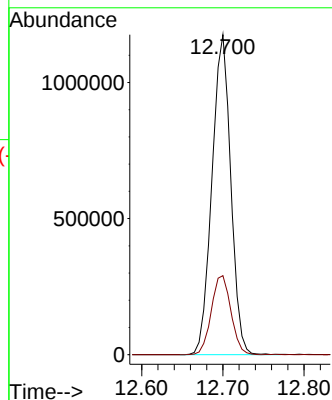
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 1887724
Ion Ratio Lower Upper
105 100
120 25.8 13.0 39.0

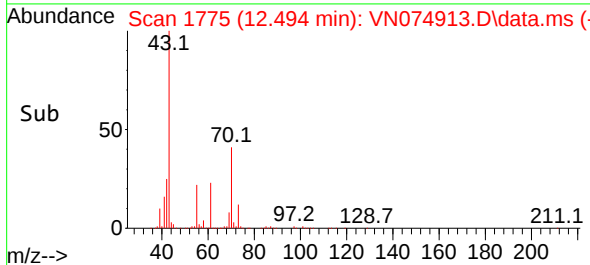
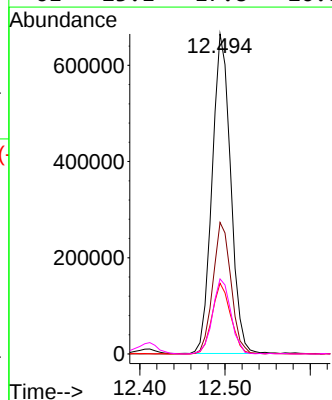
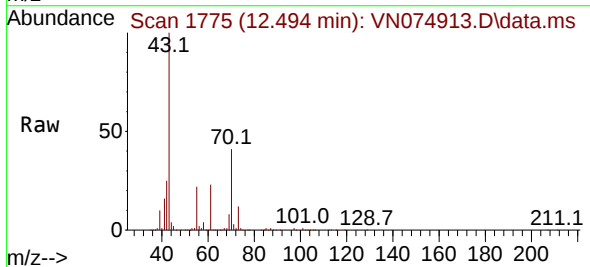
Manual Integrations
APPROVED

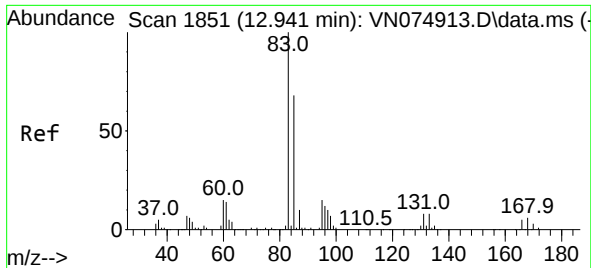
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#74
N-ethyl acetate
Concen: 47.713 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

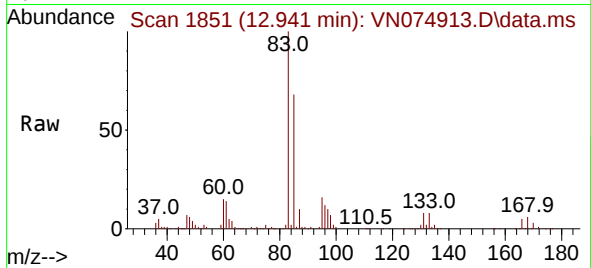
Tgt Ion: 43 Resp: 1006795
Ion Ratio Lower Upper
43 100
70 40.1 31.5 47.3
55 22.1 18.2 27.4
61 23.1 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 43.229 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

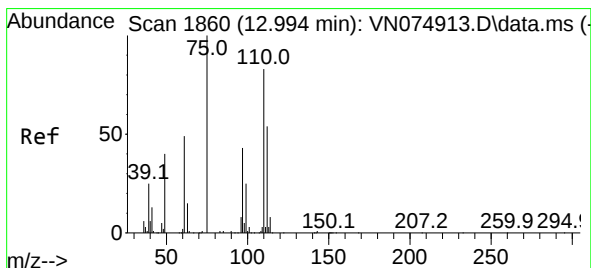
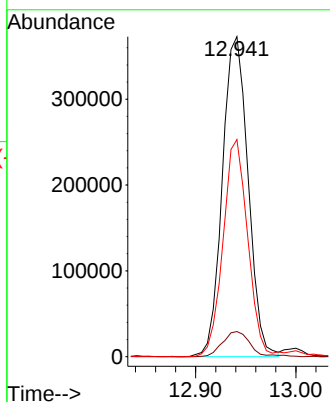
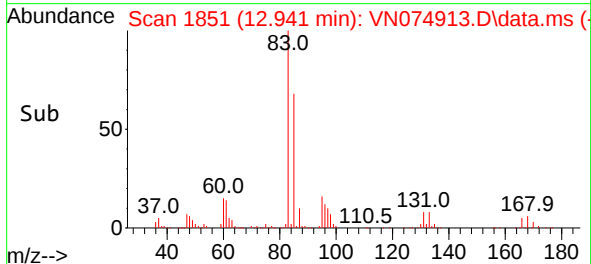
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



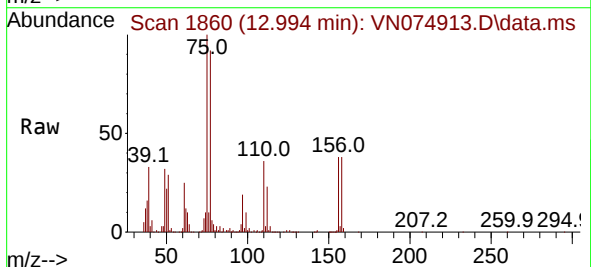
Tgt Ion: 83 Resp: 665552
Ion Ratio Lower Upper
83 100
131 8.5 4.5 13.5
85 65.2 32.5 97.5

Manual Integrations
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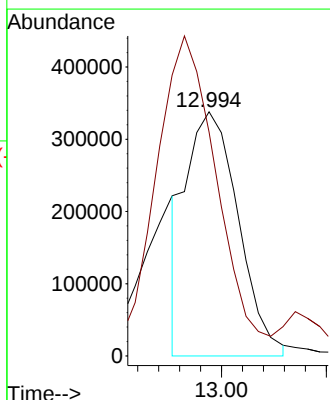
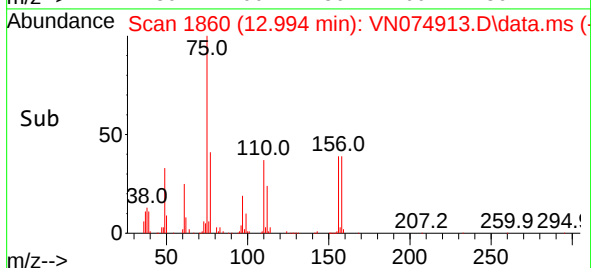
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

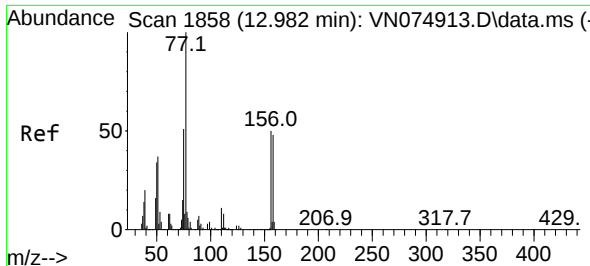


#76
1,2,3-Trichloropropane
Concen: 45.146 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00



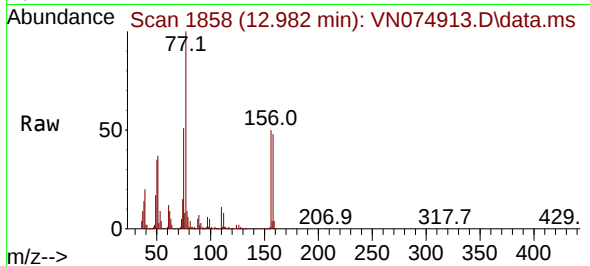
Tgt Ion: 75 Resp: 580760
Ion Ratio Lower Upper
75 100
77 155.7 77.8 233.4





#77
Bromobenzene
Concen: 44.984 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

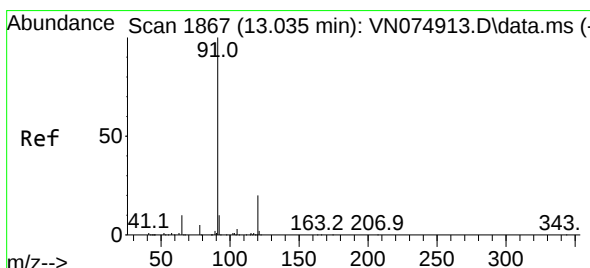
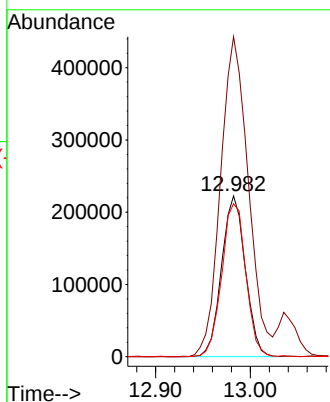
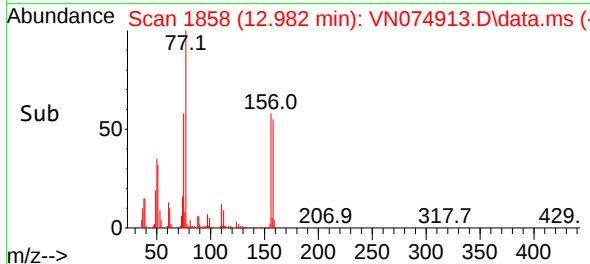
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 38728
Ion Ratio Lower Upper
156 100
77 233.4 116.3 348.9
158 96.4 47.9 143.7

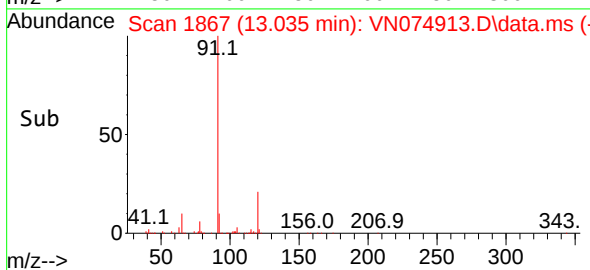
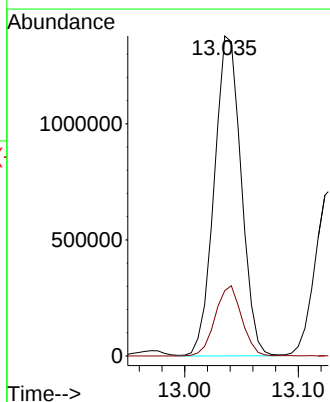
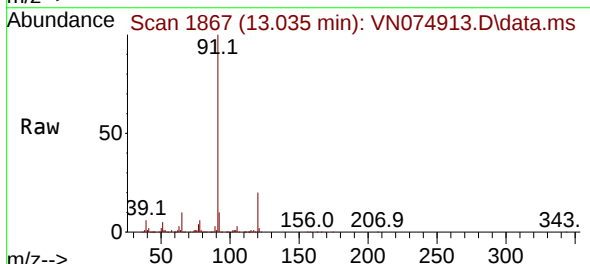
Manual Integrations
APPROVED

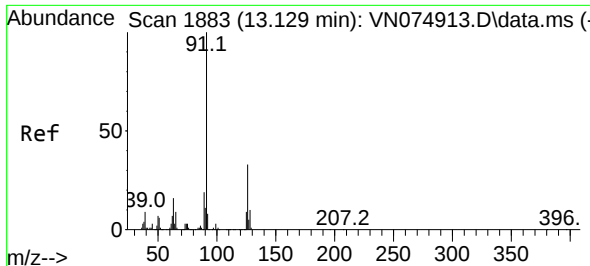
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#78
n-propylbenzene
Concen: 51.212 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

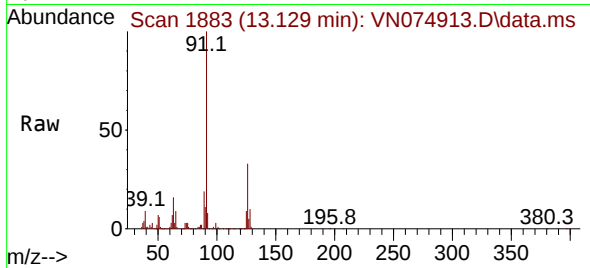
Tgt Ion: 91 Resp: 2272444
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.9





#79
2-Chlorotoluene
Concen: 47.422 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

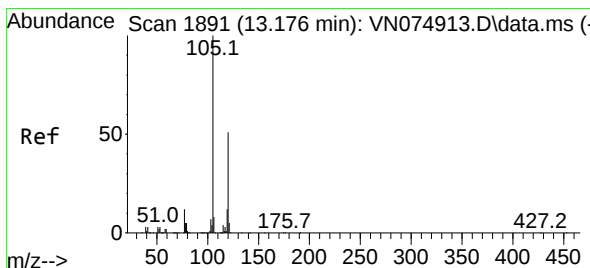
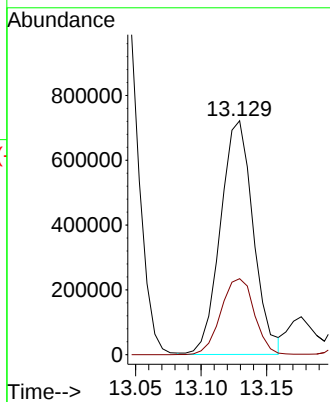
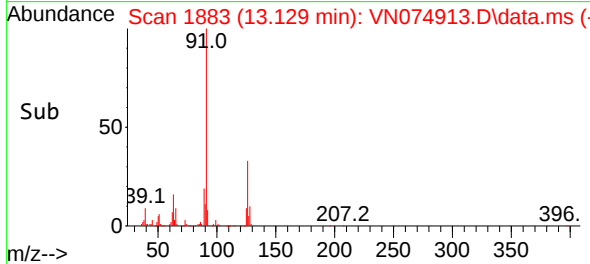
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 125814
Ion Ratio Lower Upper
91 100
126 33.1 15.8 47.3

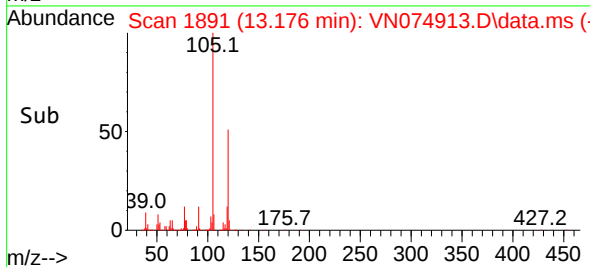
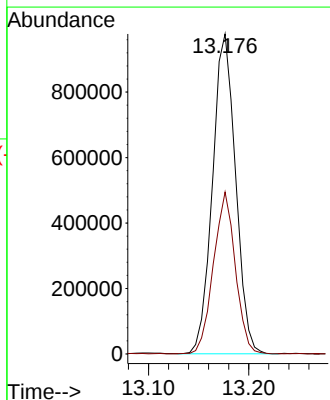
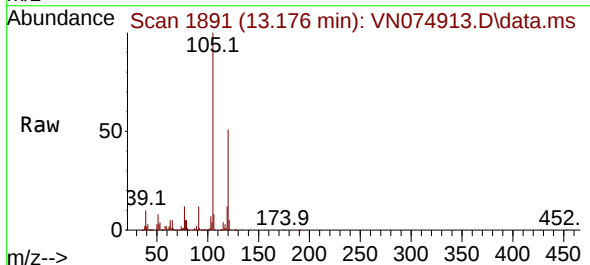
Manual Integrations
APPROVED

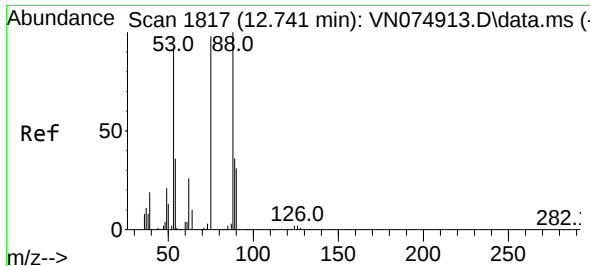
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.413 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

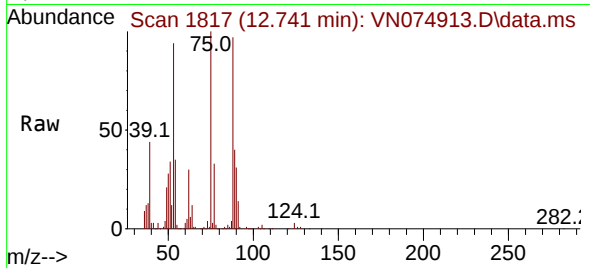
Tgt Ion:105 Resp: 1561292
Ion Ratio Lower Upper
105 100
120 47.9 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 50.701 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

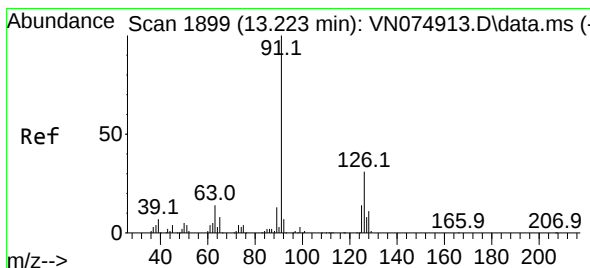
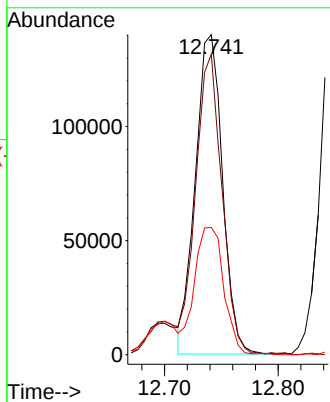
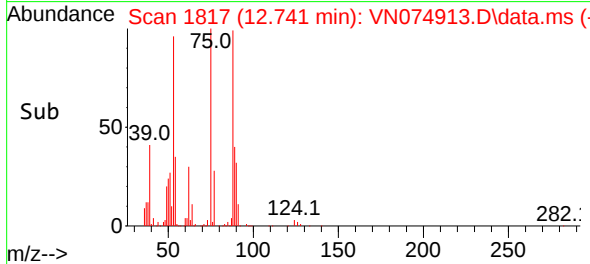
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 233035
Ion Ratio Lower Upper
75 100
53 103.0 87.0 130.4
89 43.4 32.5 48.7

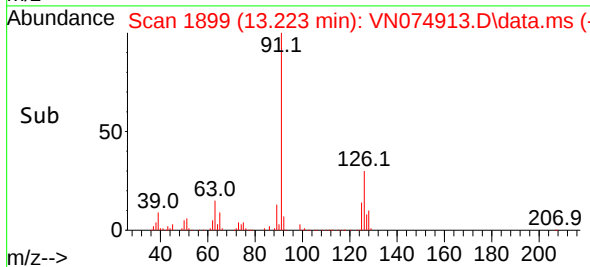
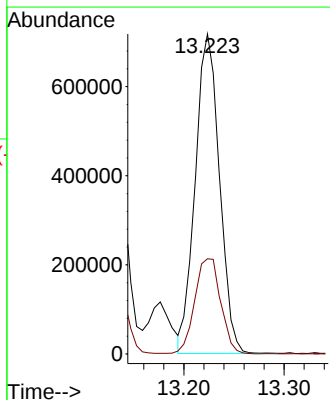
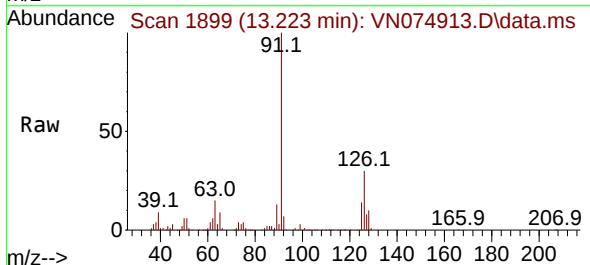
Manual Integrations
APPROVED

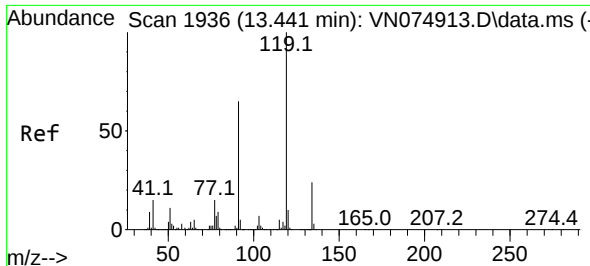
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#82
4-Chlorotoluene
Concen: 48.589 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

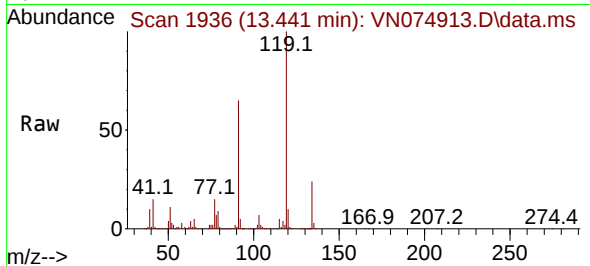
Tgt Ion: 91 Resp: 1205585
Ion Ratio Lower Upper
91 100
126 31.9 16.7 50.1





#83
 tert-Butylbenzene
 Concen: 50.257 ug/l
 RT: 13.441 min Scan# 1936
 Delta R.T. 0.000 min
 Lab File: VN074913.D
 Acq: 17 Oct 2022 13:00

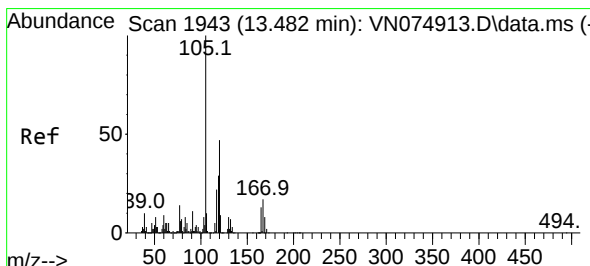
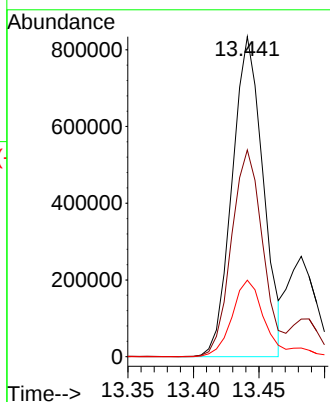
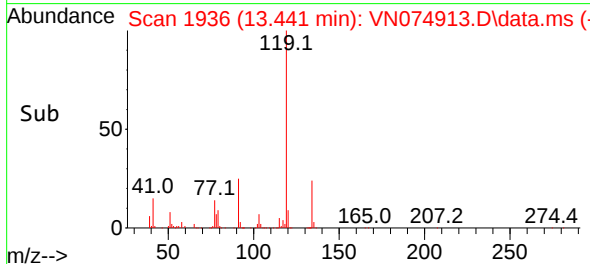
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



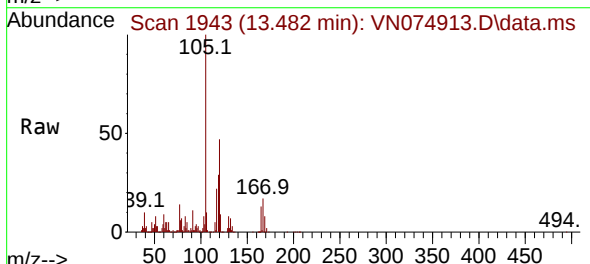
Tgt Ion:119 Resp: 1372217
 Ion Ratio Lower Upper
 119 100
 91 66.1 32.9 98.7
 134 26.2 13.5 40.4

Manual Integrations
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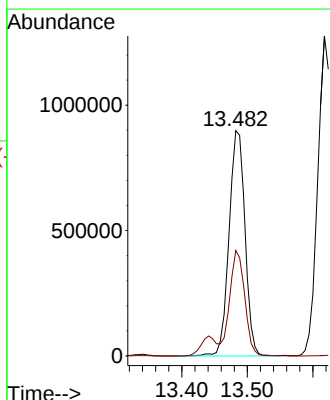
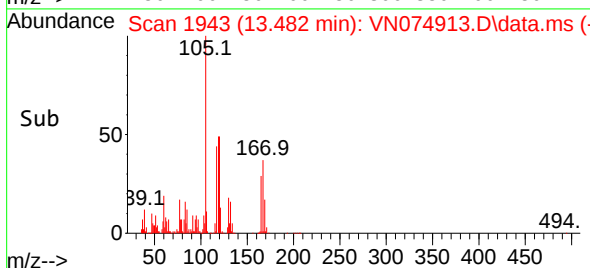
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022

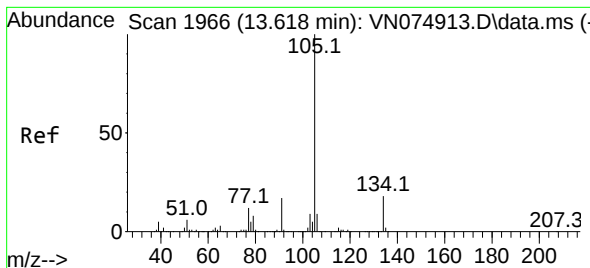


#84
 1,2,4-Trimethylbenzene
 Concen: 48.986 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. -0.006 min
 Lab File: VN074913.D
 Acq: 17 Oct 2022 13:00



Tgt Ion:105 Resp: 1520717
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.1 66.3





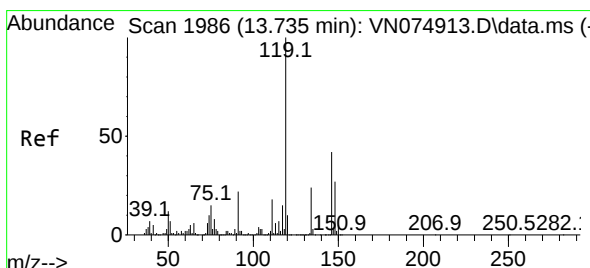
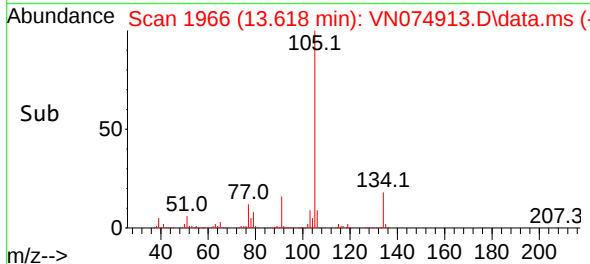
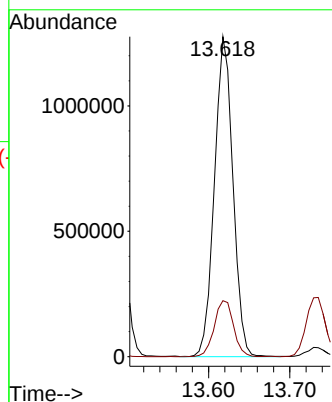
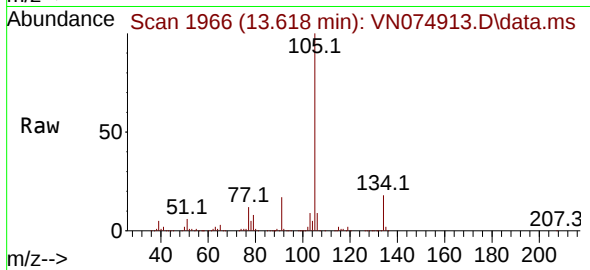
#85
 sec-Butylbenzene
 Concen: 51.321 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074913.D
 Acq: 17 Oct 2022 13:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 202058
 Ion Ratio Lower Upper
 105 100
 134 18.3 9.7 28.9

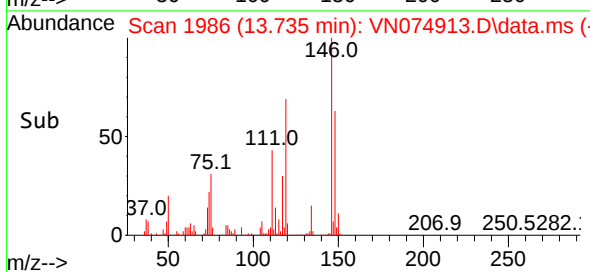
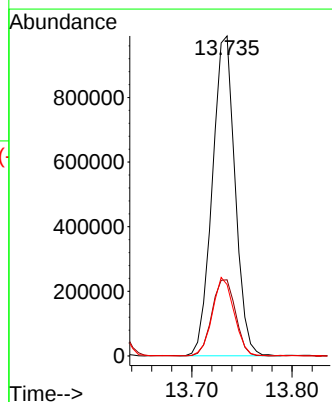
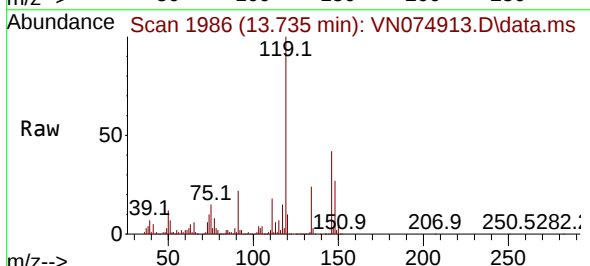
Manual Integrations
 APPROVED

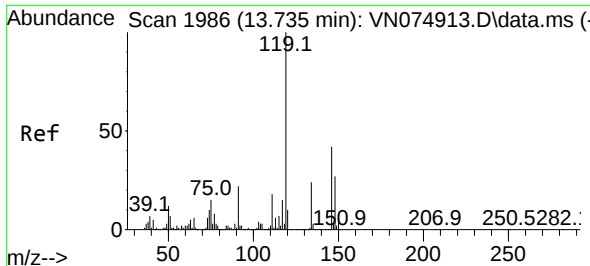
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#86
 p-Isopropyltoluene
 Concen: 49.823 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN074913.D
 Acq: 17 Oct 2022 13:00

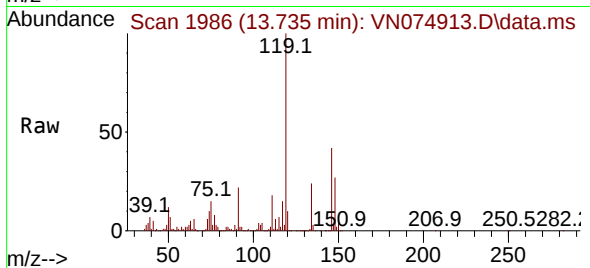
Tgt Ion:119 Resp: 1558861
 Ion Ratio Lower Upper
 119 100
 134 24.6 12.7 38.1
 91 23.6 11.5 34.5





#87
 1,3-Dichlorobenzene
 Concen: 43.782 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN074913.D
 Acq: 17 Oct 2022 13:00

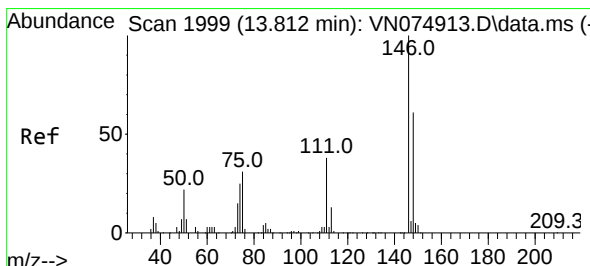
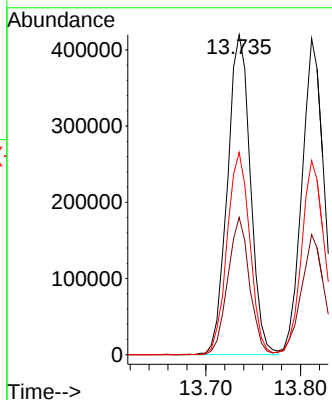
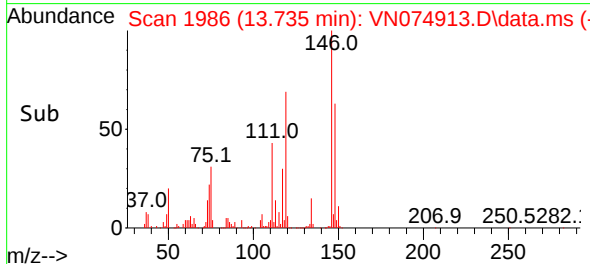
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



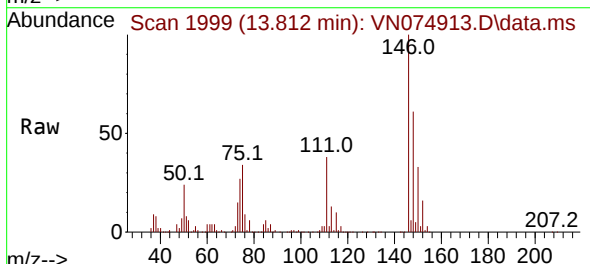
Tgt Ion:146 Resp: 707114
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.9 59.7
 148 62.7 31.4 94.3

Manual Integrations
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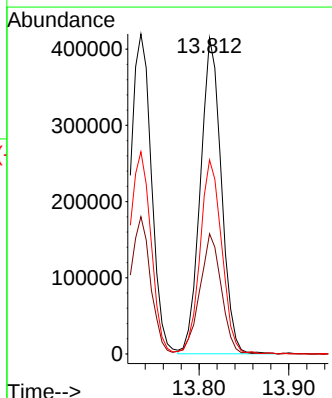
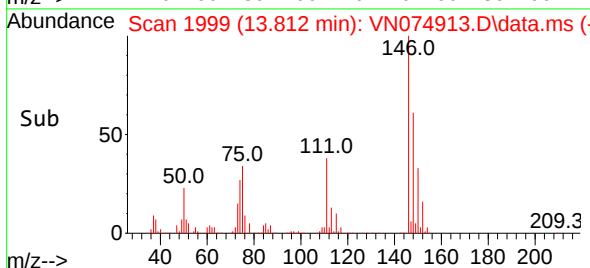
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022

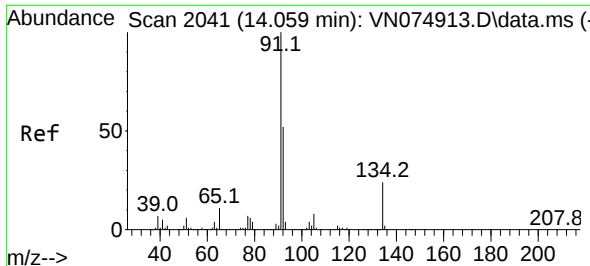


#88
 1,4-Dichlorobenzene
 Concen: 42.222 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN074913.D
 Acq: 17 Oct 2022 13:00



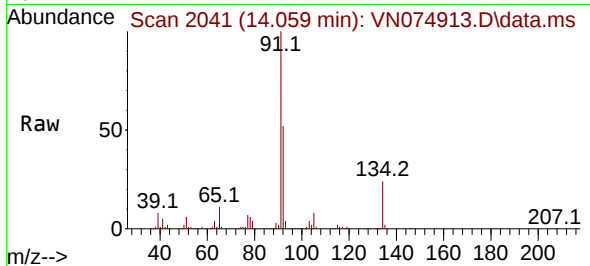
Tgt Ion:146 Resp: 672851
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.2 60.6
 148 63.5 31.8 95.3





#89
n-Butylbenzene
Concen: 48.866 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

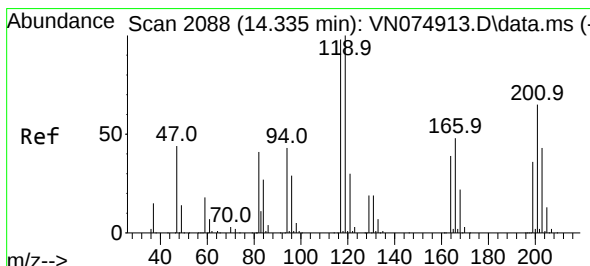
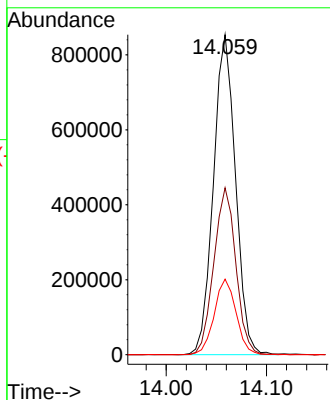
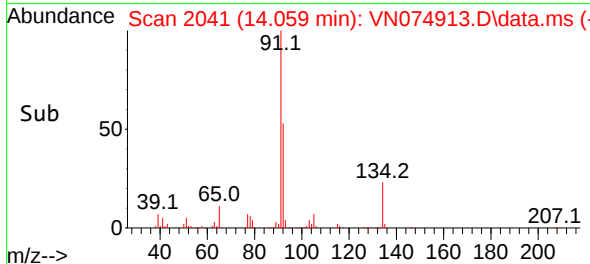
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 130278
Ion Ratio Lower Upper
91 100
92 52.0 25.9 77.8
134 23.5 11.6 34.7

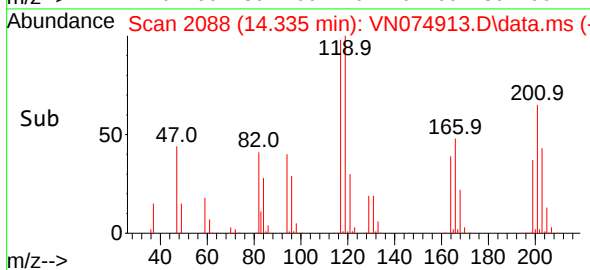
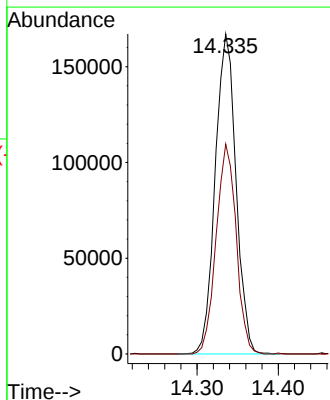
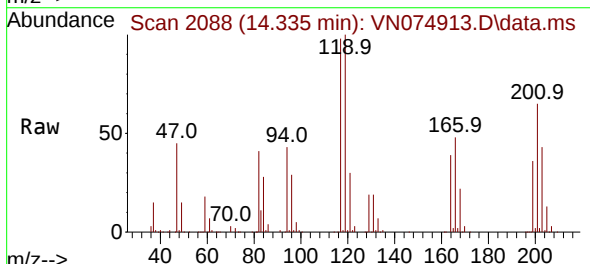
Manual Integrations
APPROVED

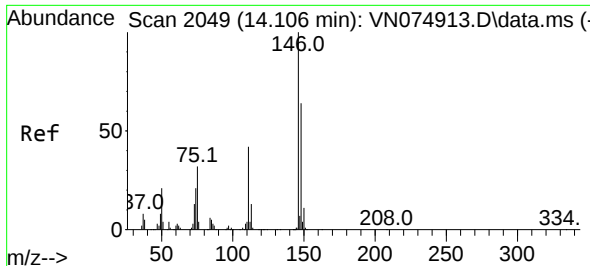
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#90
Hexachloroethane
Concen: 44.279 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

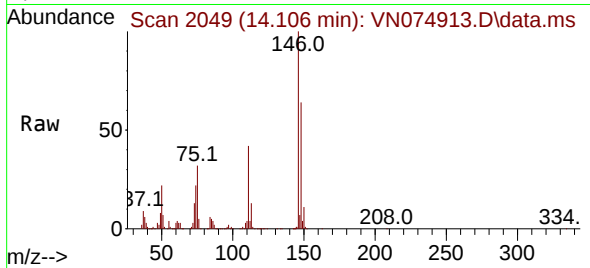
Tgt Ion:117 Resp: 297442
Ion Ratio Lower Upper
117 100
201 63.3 33.4 100.1





#91
1,2-Dichlorobenzene
Concen: 40.108 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

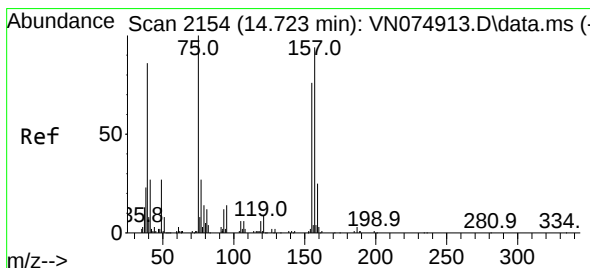
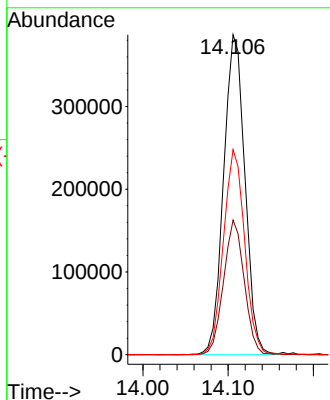
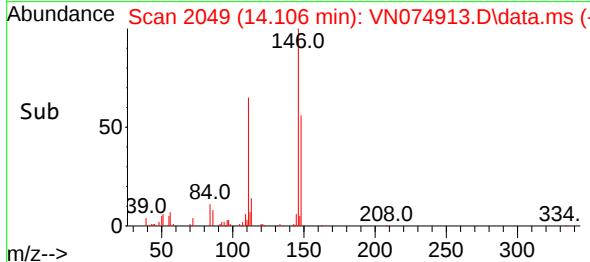
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 671952
Ion Ratio Lower Upper
146 100
111 40.9 20.5 61.5
148 64.2 31.3 93.8

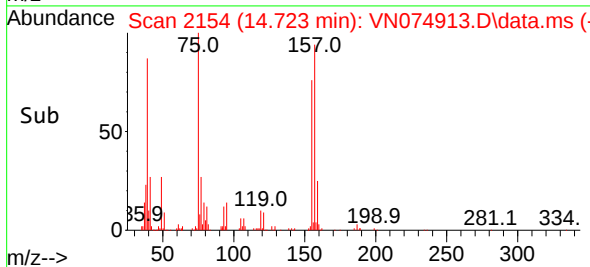
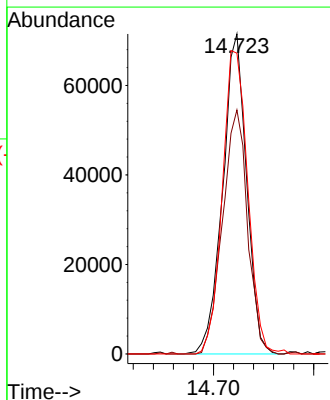
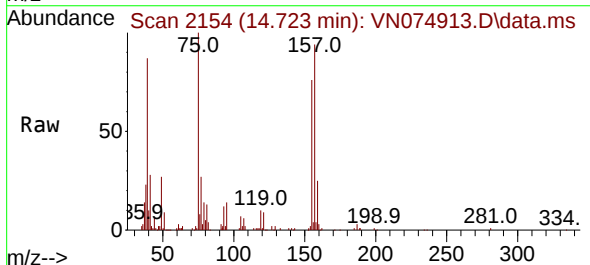
Manual Integrations
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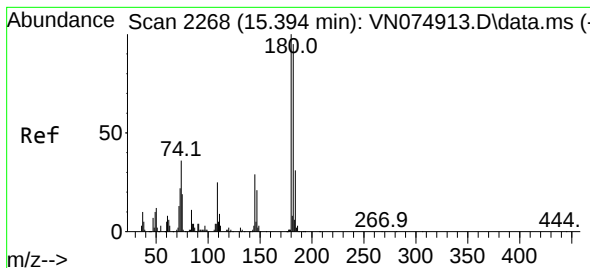
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.339 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

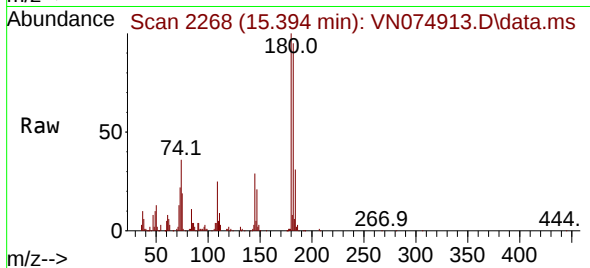
Tgt Ion: 75 Resp: 118066
Ion Ratio Lower Upper
75 100
155 79.7 39.4 118.1
157 101.2 52.5 157.6





#93
1,2,4-Trichlorobenzene
Concen: 40.271 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

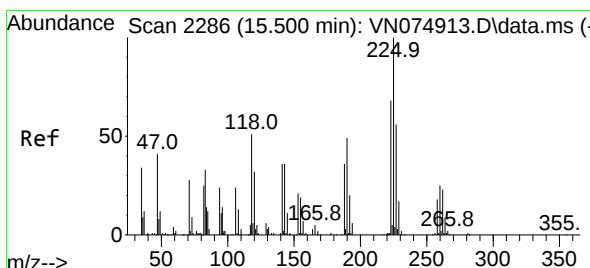
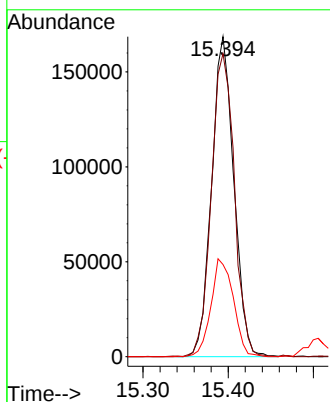
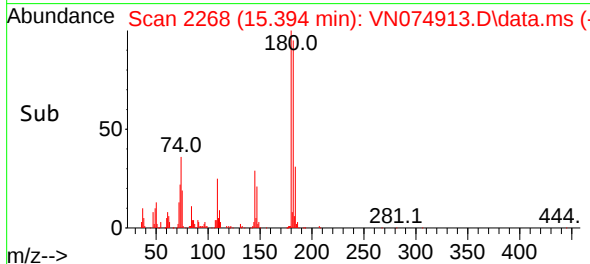
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:180 Resp: 30517
Ion Ratio Lower Upper
180 100
182 98.2 45.8 137.4
145 30.9 14.7 44.1

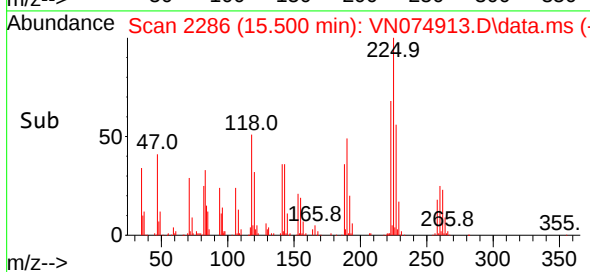
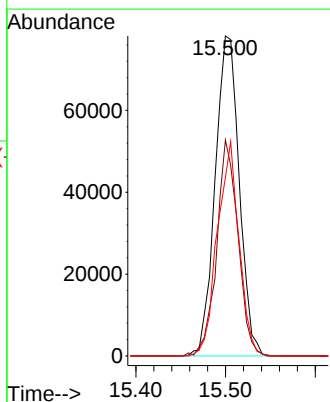
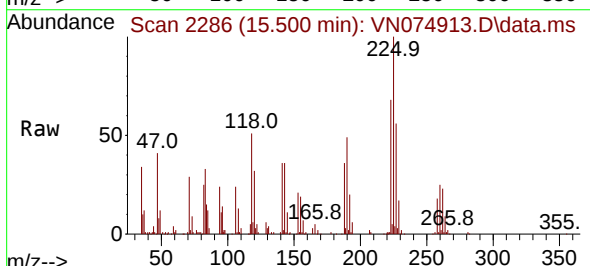
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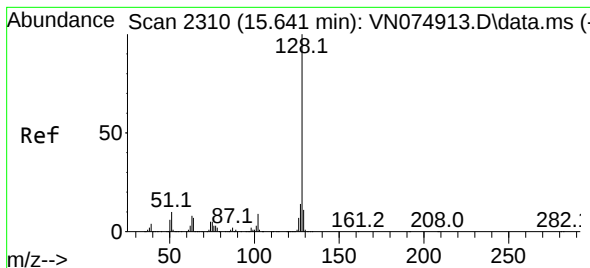
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#94
Hexachlorobutadiene
Concen: 39.997 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

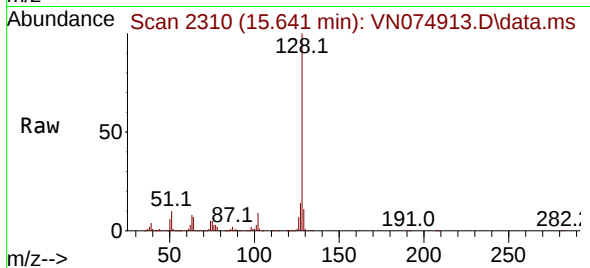
Tgt Ion:225 Resp: 145559
Ion Ratio Lower Upper
225 100
223 59.7 30.1 90.5
227 60.3 31.4 94.0





#95
Naphthalene
Concen: 48.361 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00

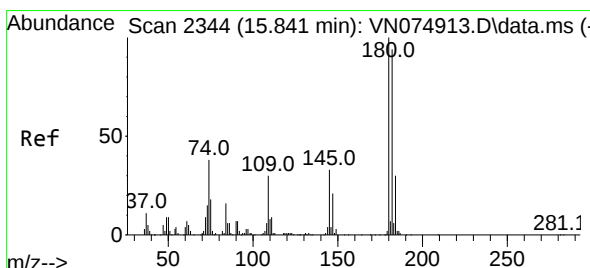
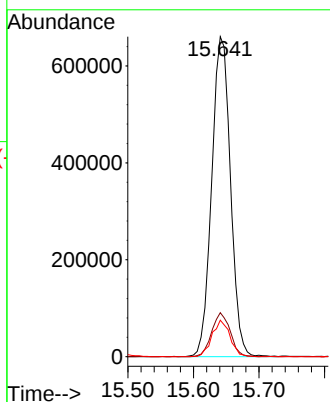
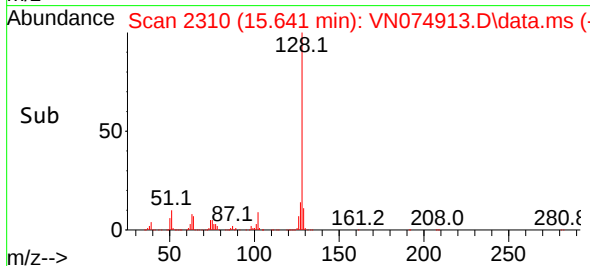
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



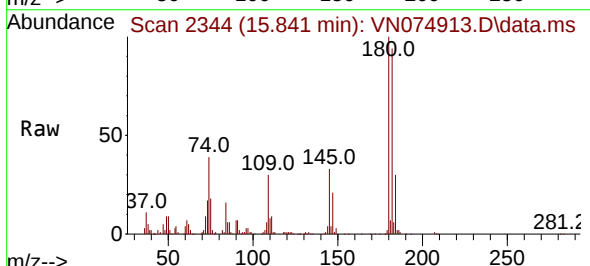
Tgt Ion:128 Resp: 1312019
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 10.9 8.3 12.5

Manual Integrations
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Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 45.396 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN074913.D
Acq: 17 Oct 2022 13:00



Tgt Ion:180 Resp: 325855
Ion Ratio Lower Upper
180 100
182 93.7 48.0 144.0
145 31.6 15.7 47.0

