

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074912.D
 Acq On : 17 Oct 2022 12:36
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

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

Quant Time: Oct 17 12:55:34 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	324044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	578105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	655095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	324284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	166904	21.271	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	42.540%#		
35) Dibromofluoromethane	8.177	113	127840	20.359	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.720%#		
50) Toluene-d8	10.571	98	534671	20.640	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	41.280%#		
62) 4-Bromofluorobenzene	12.847	95	149968	20.332	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	40.660%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	118257	19.022	ug/l	94
3) Chloromethane	2.389	50	186552	20.190	ug/l	99
4) Vinyl Chloride	2.530	62	267151	19.692	ug/l	99
5) Bromomethane	2.948	94	179538	17.150	ug/l	89
6) Chloroethane	3.130	64	193734	18.044	ug/l	99
7) Trichlorofluoromethane	3.501	101	182041	19.295	ug/l	92
8) Diethyl Ether	3.983	74	76211	17.579	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.401	101	108783	18.238	ug/l	98
10) Methyl Iodide	4.612	142	137539	20.828	ug/l	97
11) Tert butyl alcohol	5.559	59	184466	95.531	ug/l	99
12) 1,1-Dichloroethene	4.359	96	97913	17.538	ug/l	84
13) Acrolein	4.201	56	177412	86.831	ug/l	98
14) Allyl chloride	5.053	41	184366	16.728	ug/l	93
15) Acrylonitrile	5.747	53	491293	103.957	ug/l	98
16) Acetone	4.459	43	395847	97.880	ug/l	99
17) Carbon Disulfide	4.730	76	250541	17.687	ug/l	98
18) Methyl Acetate	5.053	43	297579	20.550	ug/l	100
19) Methyl tert-butyl Ether	5.824	73	425646	19.310	ug/l	99
20) Methylene Chloride	5.300	84	138428	17.484	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	112672	18.235	ug/l	96
22) Diisopropyl ether	6.694	45	467400	18.531	ug/l #	93
23) Vinyl Acetate	6.624	43	1642523	88.743	ug/l	97
24) 1,1-Dichloroethane	6.583	63	242997	17.900	ug/l	97
25) 2-Butanone	7.500	43	663948	99.702	ug/l	99
26) 2,2-Dichloropropane	7.506	77	192352	17.668	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	146904	19.139	ug/l	97
28) Bromochloromethane	7.830	49	130497	22.890	ug/l	96
29) Tetrahydrofuran	7.853	42	442803	101.284	ug/l	99
30) Chloroform	7.971	83	246572	19.622	ug/l	88
31) Cyclohexane	8.265	56	210199	18.040	ug/l	95
32) 1,1,1-Trichloroethane	8.183	97	205622	19.270	ug/l	96
36) 1,1-Dichloropropene	8.377	75	163429	17.755	ug/l	97
37) Ethyl Acetate	7.577	43	255185	18.306	ug/l #	94
38) Carbon Tetrachloride	8.377	117	164222	18.874	ug/l	98
39) Methylcyclohexane	9.606	83	208501	18.785	ug/l	97
40) Benzene	8.612	78	557625	18.419	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	137733	20.475	ug/l	97
42) 1,2-Dichloroethane	8.683	62	187349	18.943	ug/l	98
43) Isopropyl Acetate	8.700	43	404274	19.220	ug/l	96
44) Trichloroethene	9.359	130	118614	18.721	ug/l	96
45) 1,2-Dichloropropane	9.624	63	150339	18.448	ug/l	95
46) Dibromomethane	9.706	93	100640	19.286	ug/l	95
47) Bromodichloromethane	9.894	83	194201	19.396	ug/l #	99
48) Methyl methacrylate	9.624	41	192733	19.676	ug/l #	96
49) 1,4-Dioxane	9.700	88	74117	415.291	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	1354058	100.116	ug/l	99
52) Toluene	10.635	92	337576	18.615	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	207748	18.985	ug/l	91
54) cis-1,3-Dichloropropene	10.318	75	222233	19.049	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	144325	19.814	ug/l	96
56) Ethyl methacrylate	10.877	69	235918	20.235	ug/l	97
57) 1,3-Dichloropropane	11.165	76	247036	18.700	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.165	63	554728	133.655	ug/l	97
59) 2-Hexanone	11.200	43	1028615	104.171	ug/l	99
60) Dibromochloromethane	11.365	129	141420	19.375	ug/l	98
61) 1,2-Dibromoethane	11.471	107	145146	20.148	ug/l	95
64) Tetrachloroethene	11.100	164	92284	17.464	ug/l	87
65) Chlorobenzene	11.894	112	356187	18.840	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.971	131	129819	18.314	ug/l	99
67) Ethyl Benzene	11.965	91	667704	19.263	ug/l	95
68) m/p-Xylenes	12.071	106	501194	38.831	ug/l	99
69) o-Xylene	12.400	106	253557	19.232	ug/l	97
70) Styrene	12.412	104	396245	18.949	ug/l	97
71) Bromoform	12.582	173	91001	18.536	ug/l #	99
73) Isopropylbenzene	12.700	105	647507	22.447	ug/l	99
74) N-amyl acetate	12.494	43	355283	22.688	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	238560	20.879	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	201007m	21.055	ug/l	
77) Bromobenzene	12.982	156	127424	19.944	ug/l	96
78) n-propylbenzene	13.041	91	735533	22.336	ug/l	99
79) 2-Chlorotoluene	13.129	91	423617	21.515	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	521100	22.223	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	75806	22.224	ug/l	98
82) 4-Chlorotoluene	13.223	91	374347	20.330	ug/l	97
83) tert-Butylbenzene	13.441	119	465413	22.969	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	501846	21.783	ug/l	99
85) sec-Butylbenzene	13.618	105	640443	21.920	ug/l	100
86) p-Isopropyltoluene	13.729	119	494887	21.314	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	221504	18.480	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	218493	18.475	ug/l	99
89) n-Butylbenzene	14.059	91	398385	20.135	ug/l	97
90) Hexachloroethane	14.335	117	94207	18.898	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	216628	17.423	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	38549	18.188	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	105006	18.672	ug/l	99
94) Hexachlorobutadiene	15.506	225	44328	16.413	ug/l	93
95) Naphthalene	15.641	128	434389	21.576	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	102038	19.155	ug/l	95

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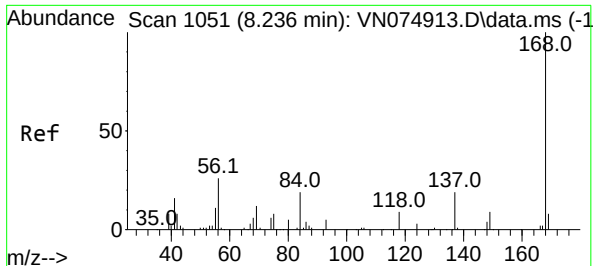
Manual Integrations
APPROVED

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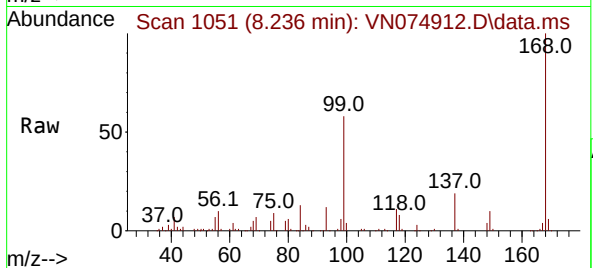
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. 0.001 min
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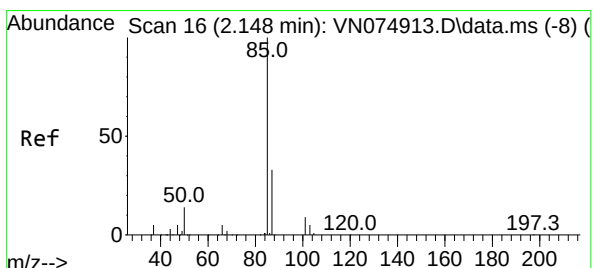
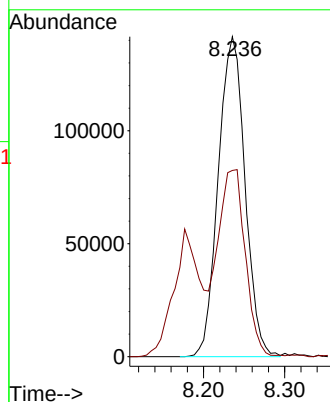
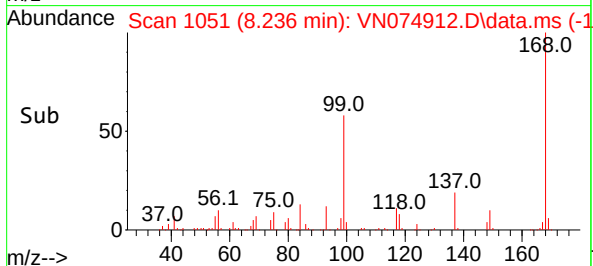
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 324044
Ion Ratio Lower Upper
168 100
99 57.7 45.8 68.8

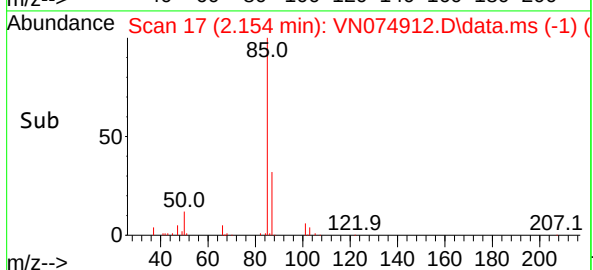
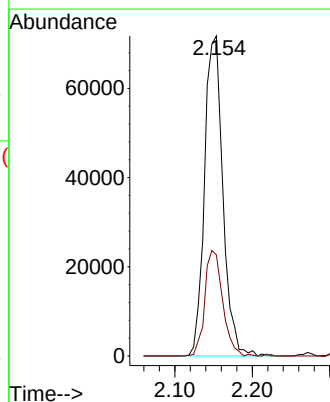
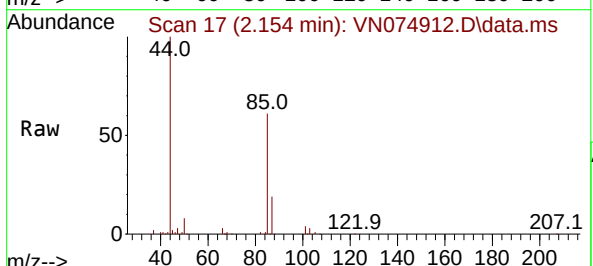
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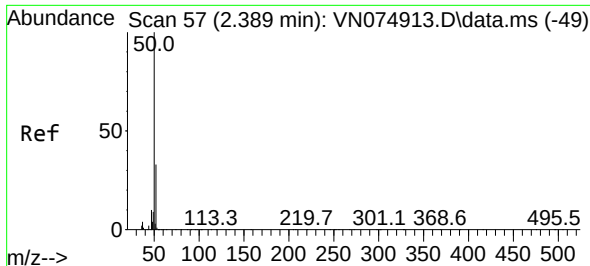
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#2
Dichlorodifluoromethane
Concen: 19.022 ug/l
RT: 2.154 min Scan# 17
Delta R.T. 0.012 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

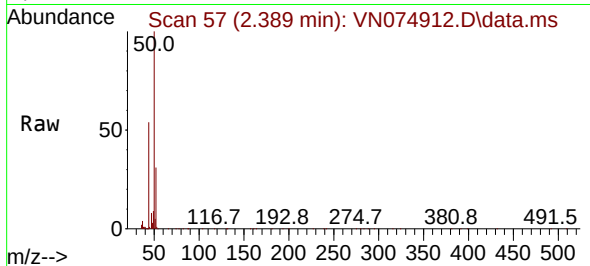
Tgt Ion: 85 Resp: 118257
Ion Ratio Lower Upper
85 100
87 31.6 17.5 52.6





#3
Chloromethane
Concen: 20.190 ug/l
RT: 2.389 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

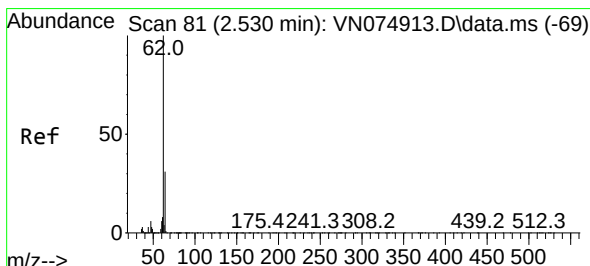
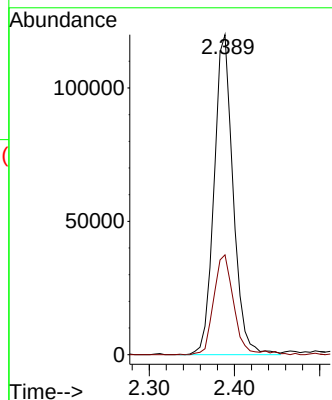
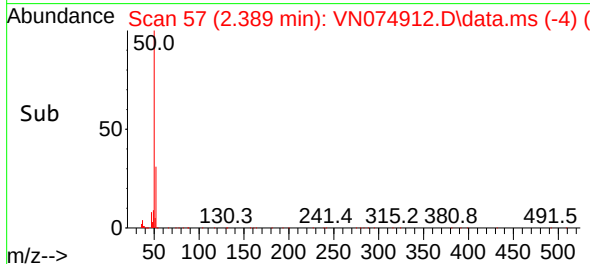
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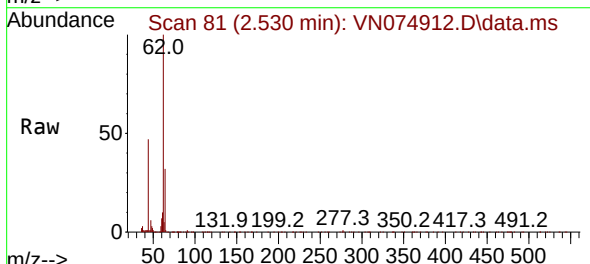
Tgt Ion: 50 Resp: 186552
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.0

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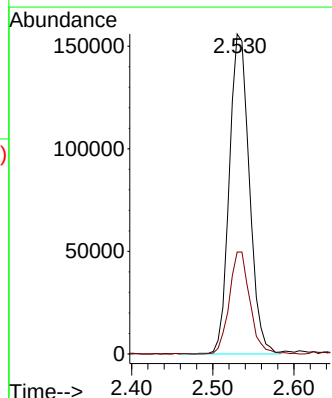
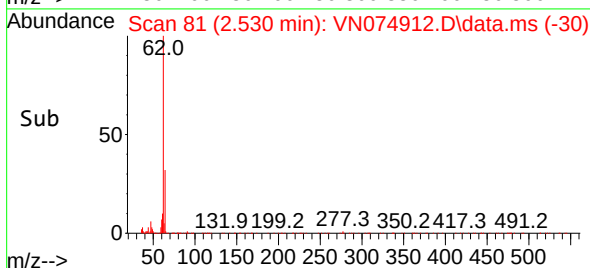
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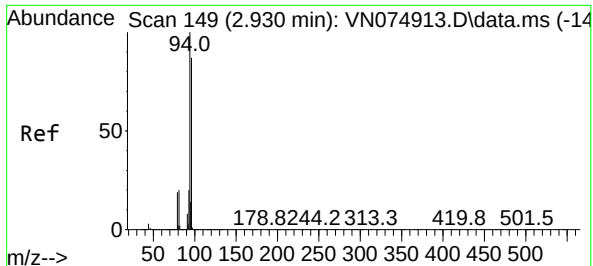


#4
Vinyl Chloride
Concen: 19.692 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN074912.D
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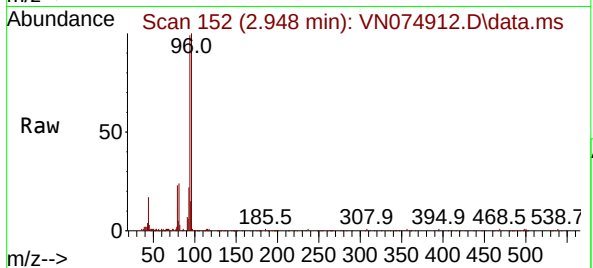
Tgt Ion: 62 Resp: 267151
Ion Ratio Lower Upper
62 100
64 31.7 24.8 37.2





#5
Bromomethane
Concen: 17.150 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

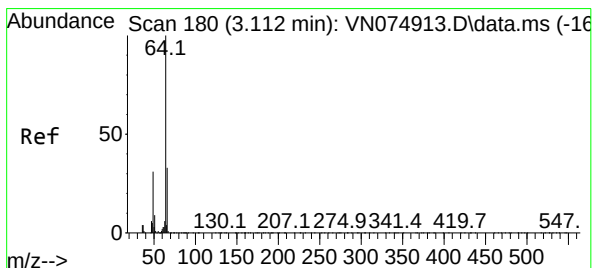
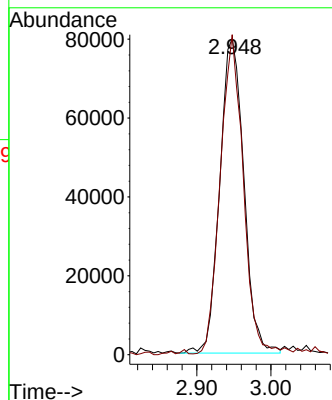
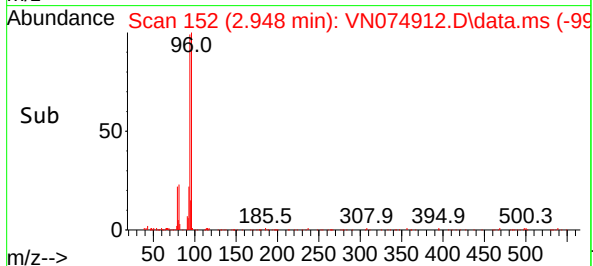
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 179538
Ion Ratio Lower Upper
94 100
96 101.1 72.6 109.0

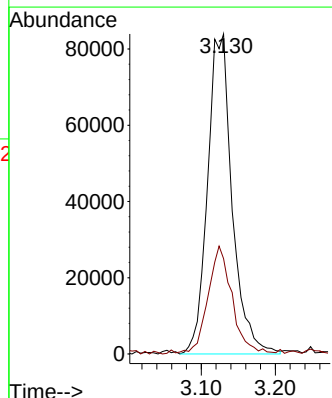
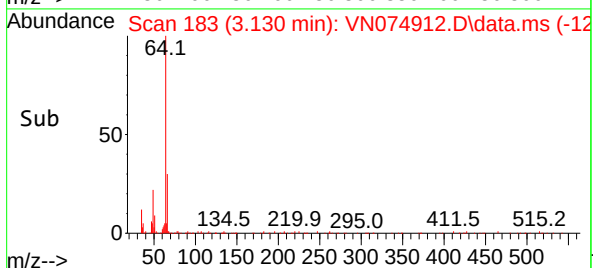
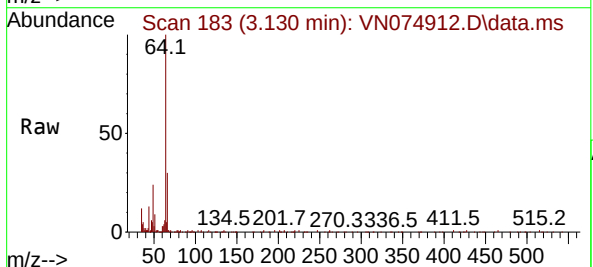
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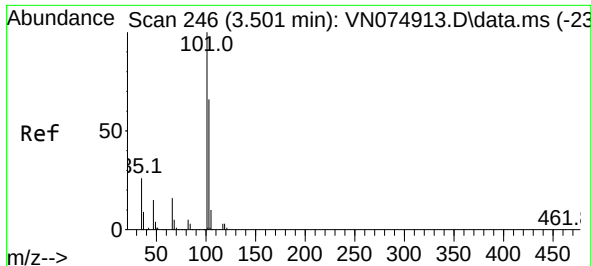
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#6
Chloroethane
Concen: 18.044 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.018 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Tgt Ion: 64 Resp: 193734
Ion Ratio Lower Upper
64 100
66 29.2 23.6 35.4





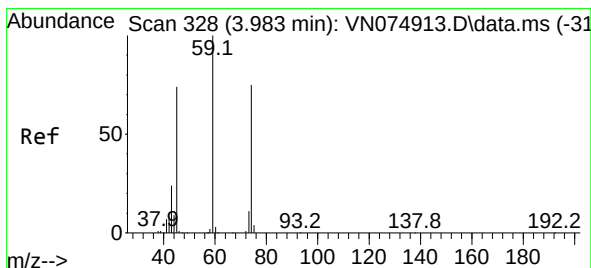
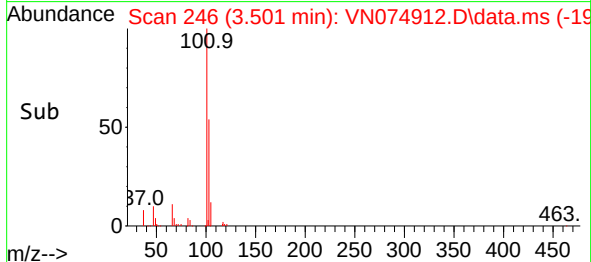
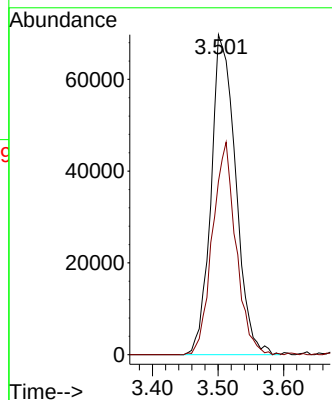
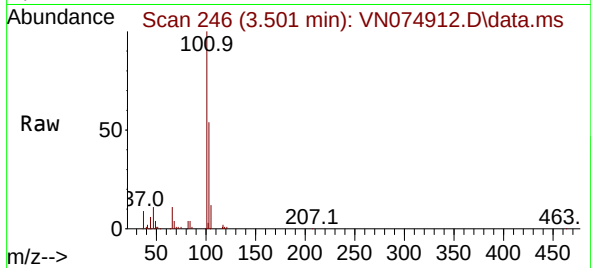
#7
 Trichlorofluoromethane
 Concen: 19.295 ug/l
 RT: 3.501 min Scan# 246
 Delta R.T. 0.000 min
 Lab File: VN074912.D
 Acq: 17 Oct 2022 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:101 Resp: 18204
 Ion Ratio Lower Upper
 101 100
 103 54.2 48.3 72.5

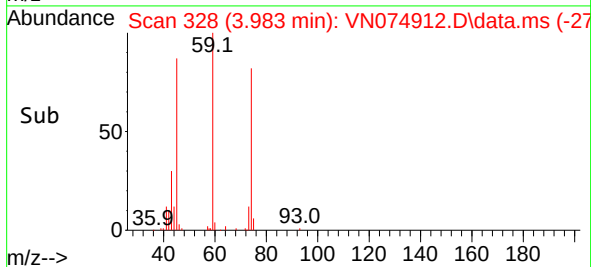
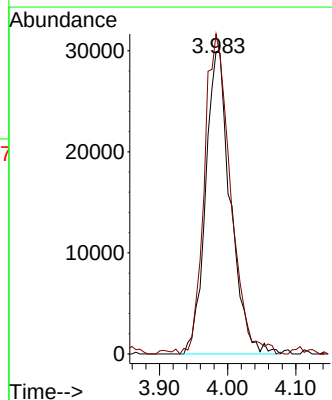
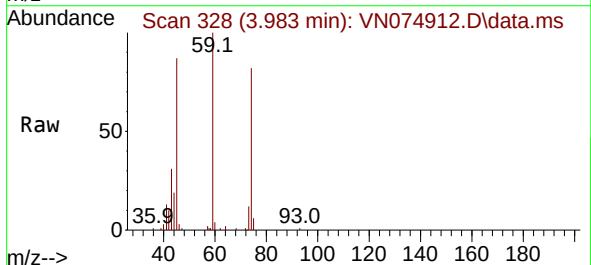
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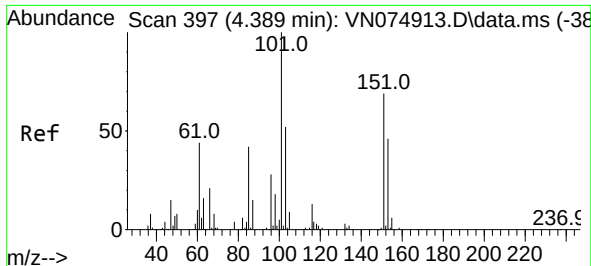
Reviewed By :John Carlone 10/18/2022
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#8
 Diethyl Ether
 Concen: 17.579 ug/l
 RT: 3.983 min Scan# 328
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 76211
 Ion Ratio Lower Upper
 74 100
 45 111.0 49.3 147.9





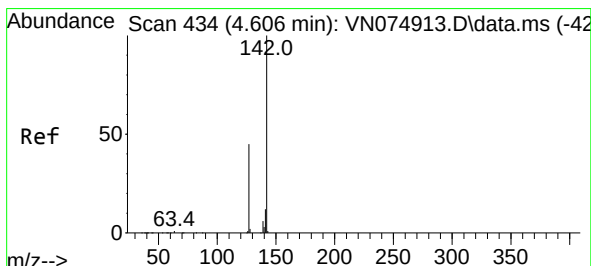
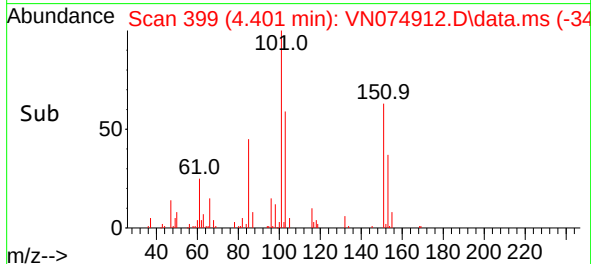
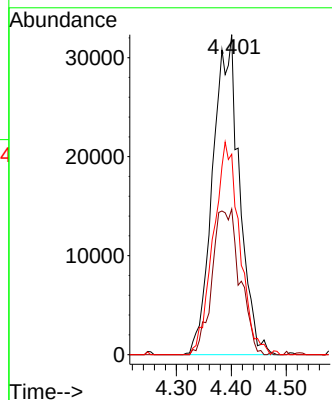
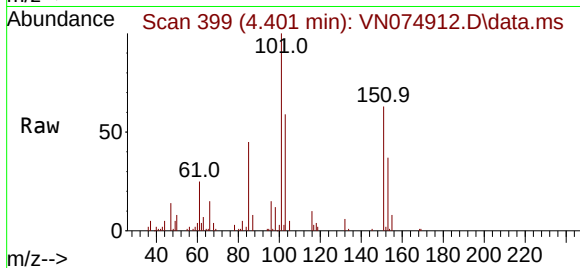
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.238 ug/l
RT: 4.401 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 10878
Ion Ratio Lower Upper
101 100
85 47.4 38.6 58.0
151 65.7 53.6 80.4

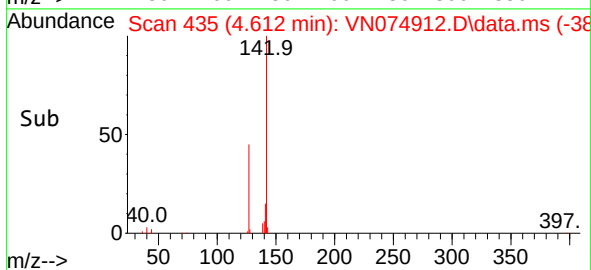
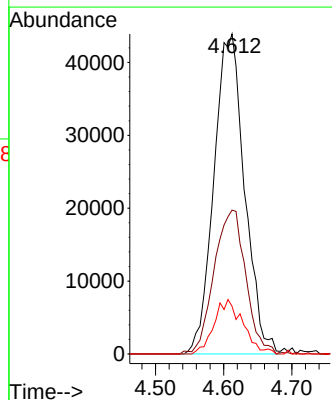
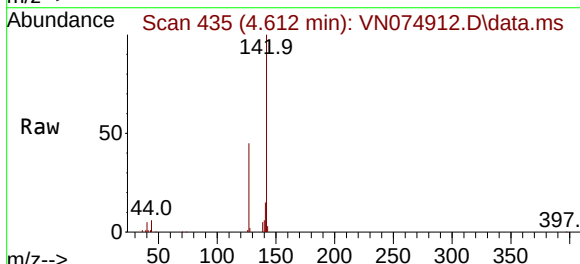
Manual Integrations
APPROVED

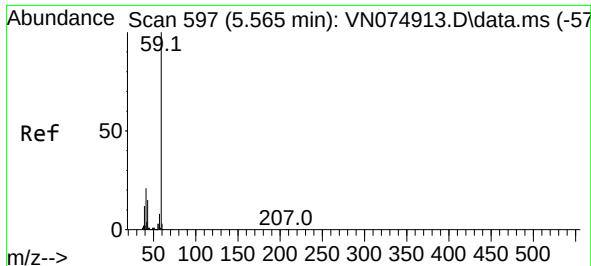
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#10
Methyl Iodide
Concen: 20.828 ug/l
RT: 4.612 min Scan# 435
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

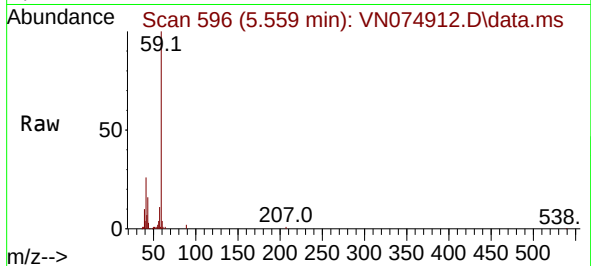
Tgt Ion:142 Resp: 137539
Ion Ratio Lower Upper
142 100
127 46.5 35.4 53.2
141 16.0 11.8 17.8





#11
Tert butyl alcohol
Concen: 95.531 ug/l
RT: 5.559 min Scan# 59
Delta R.T. 0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

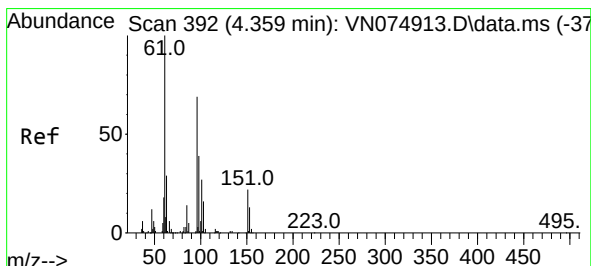
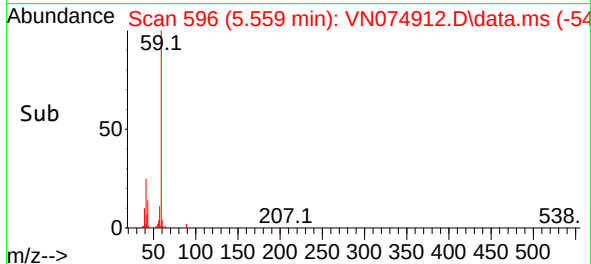
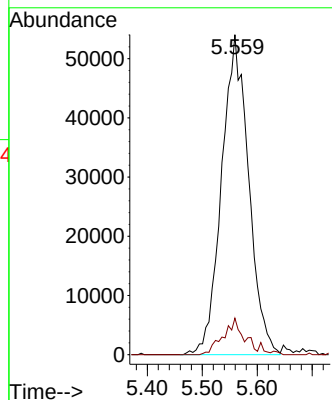
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 59 Resp: 18446
Ion Ratio Lower Upper
59 100
57 8.7 7.3 10.9

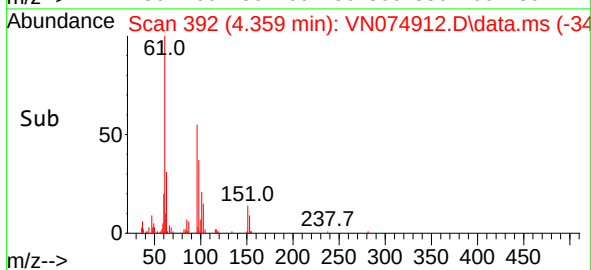
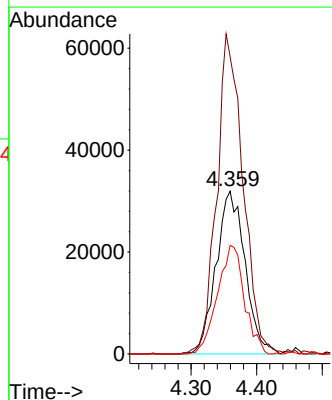
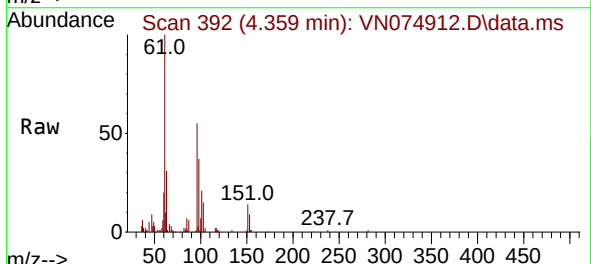
Manual Integrations
APPROVED

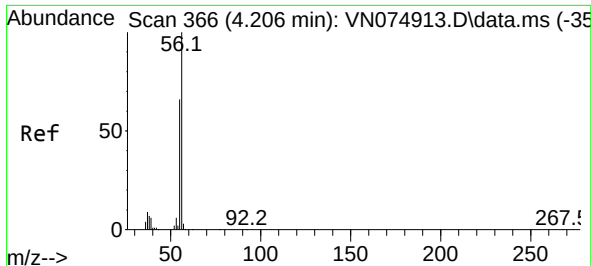
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#12
1,1-Dichloroethene
Concen: 17.538 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

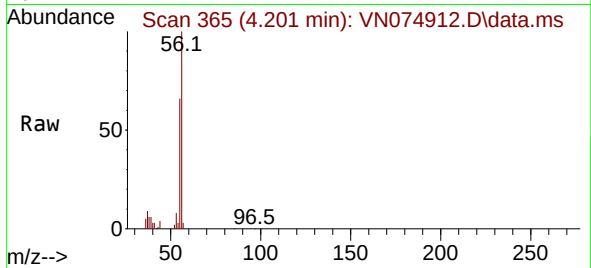
Tgt Ion: 96 Resp: 97913
Ion Ratio Lower Upper
96 100
61 182.7 127.2 190.8
98 66.8 46.2 69.4





#13
Acrolein
Concen: 86.831 ug/l
RT: 4.201 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

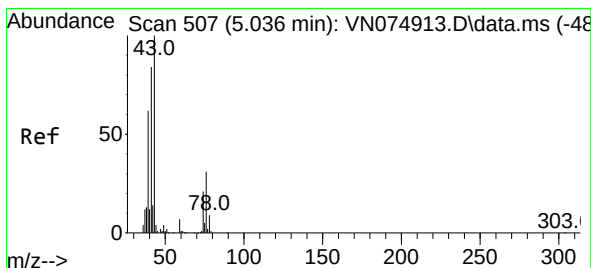
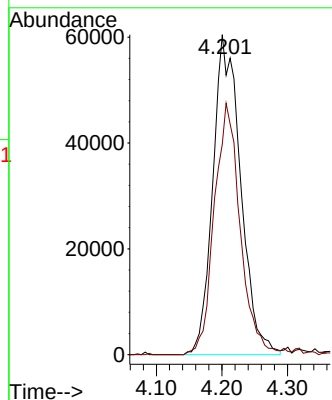
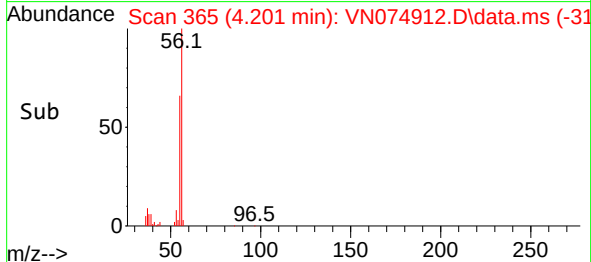
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 177412
Ion Ratio Lower Upper
56 100
55 73.2 57.0 85.6

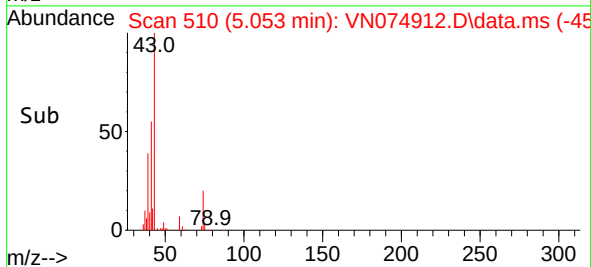
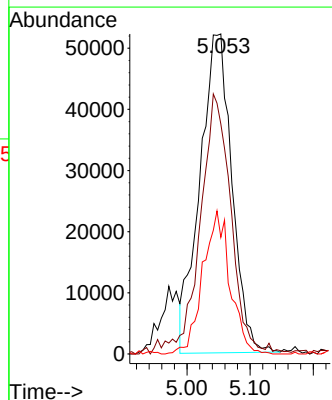
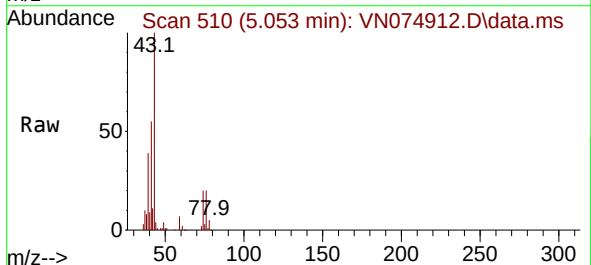
Manual Integrations
APPROVED

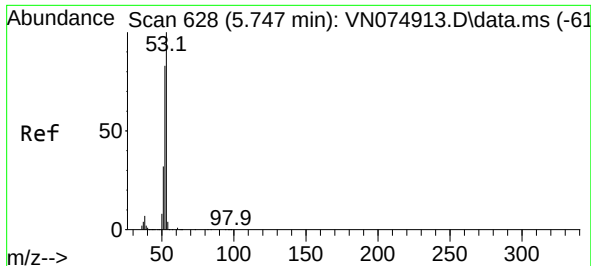
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#14
Allyl chloride
Concen: 16.728 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.012 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

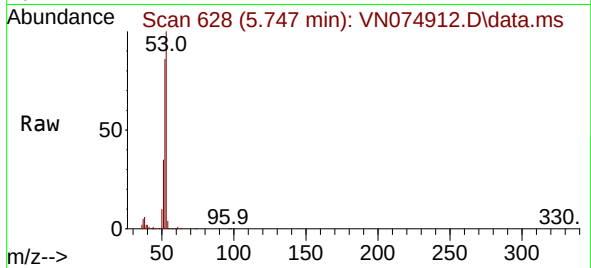
Tgt Ion: 41 Resp: 184366
Ion Ratio Lower Upper
41 100
39 74.4 66.1 99.1
76 38.1 30.9 46.3





#15
Acrylonitrile
Concen: 103.957 ug/l
RT: 5.747 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

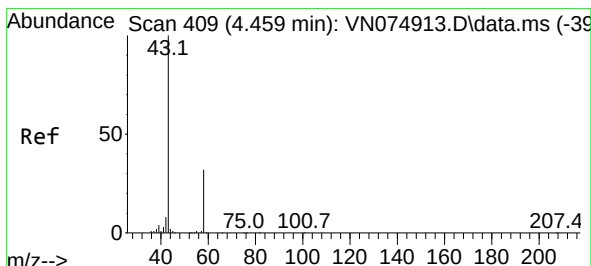
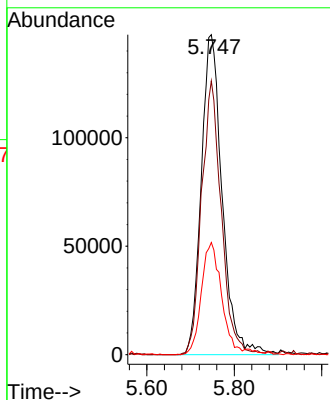
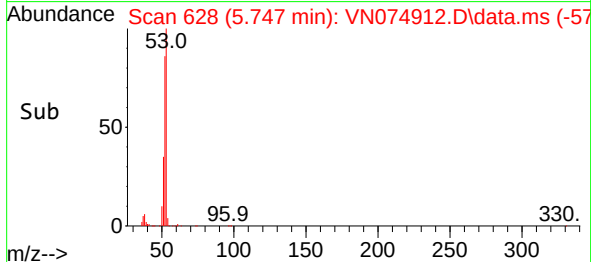
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



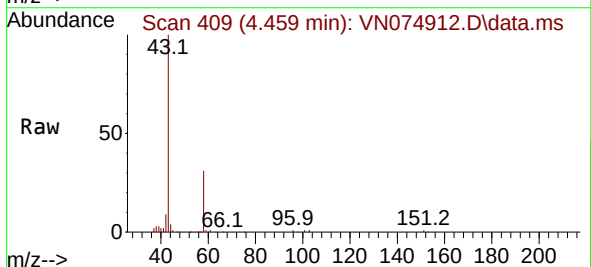
Tgt Ion: 53 Resp: 49129
Ion Ratio Lower Upper
53 100
52 80.4 66.2 99.4
51 33.7 27.6 41.4

Manual Integrations
APPROVED

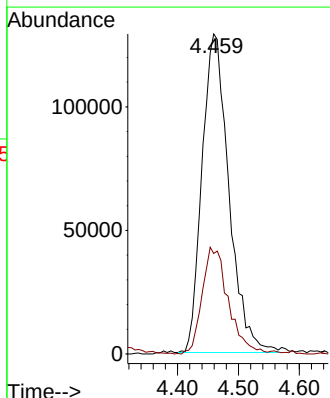
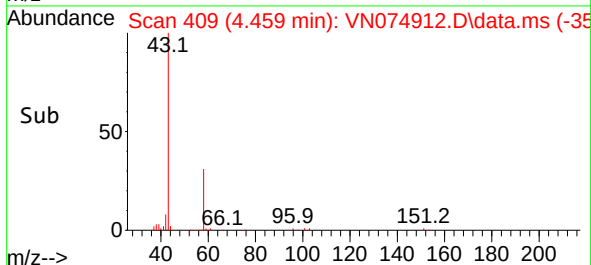
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

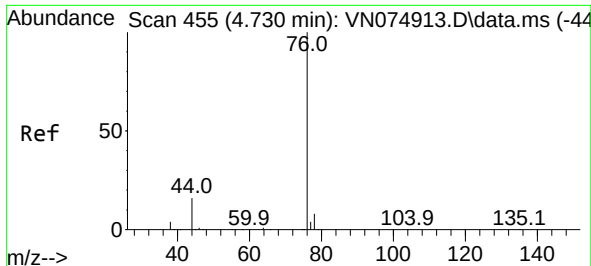


#16
Acetone
Concen: 97.880 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36



Tgt Ion: 43 Resp: 395847
Ion Ratio Lower Upper
43 100
58 31.4 25.8 38.6





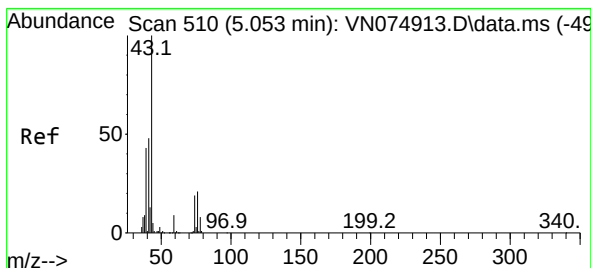
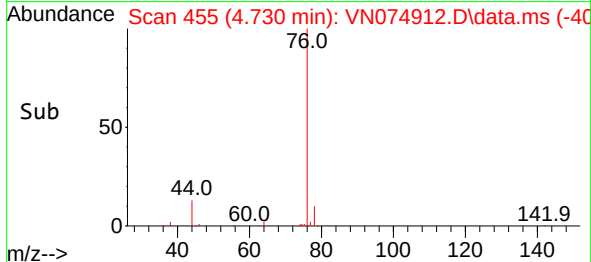
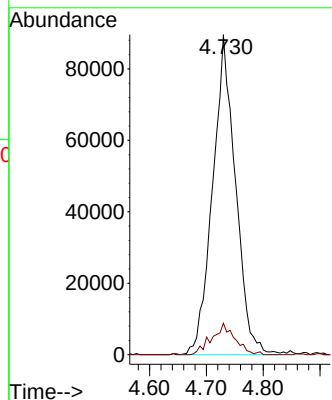
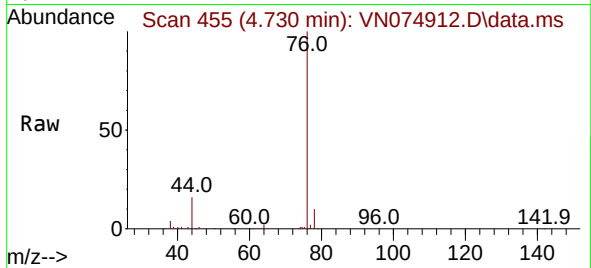
#17
Carbon Disulfide
Concen: 17.687 ug/l
RT: 4.730 min Scan# 455
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 25054
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0

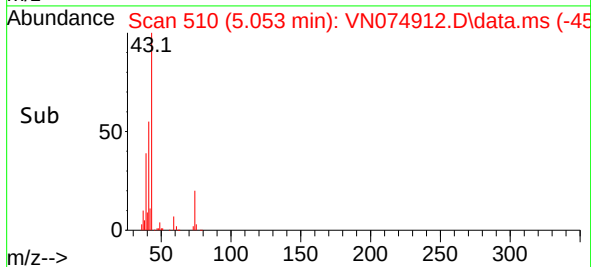
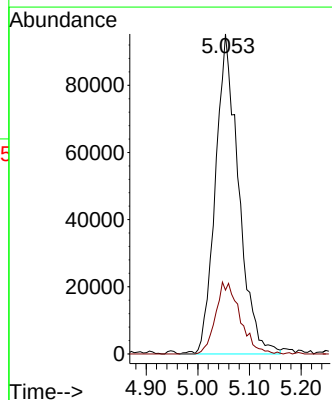
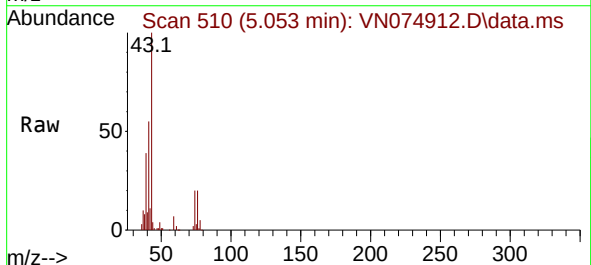
Manual Integrations
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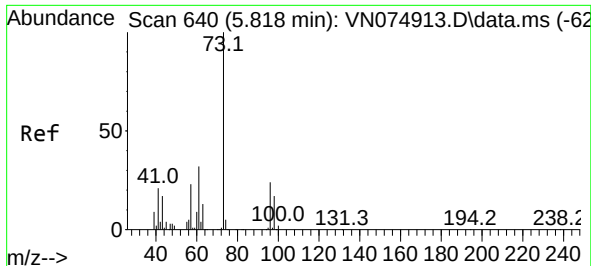
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#18
Methyl Acetate
Concen: 20.550 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Tgt Ion: 43 Resp: 297579
Ion Ratio Lower Upper
43 100
74 23.6 18.8 28.2





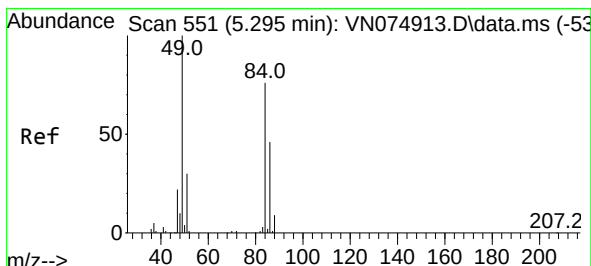
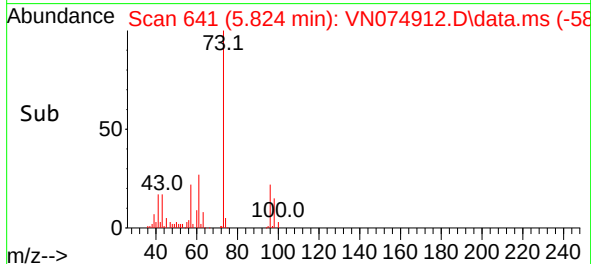
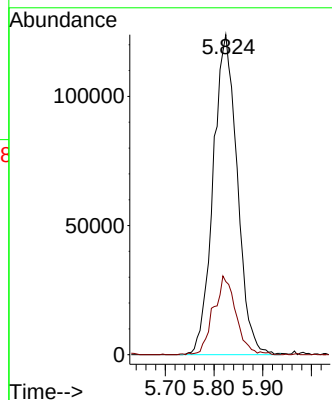
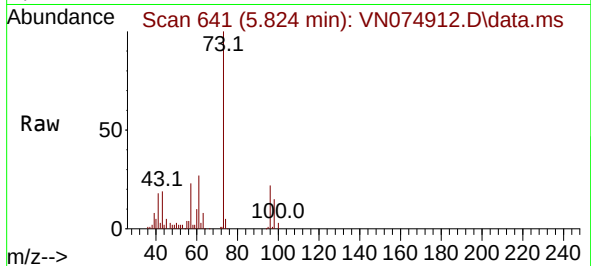
#19
Methyl tert-butyl Ether
Concen: 19.310 ug/l
RT: 5.824 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 425640
Ion Ratio Lower Upper
73 100
57 22.9 18.7 28.1

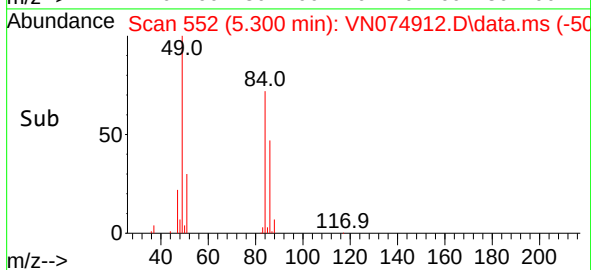
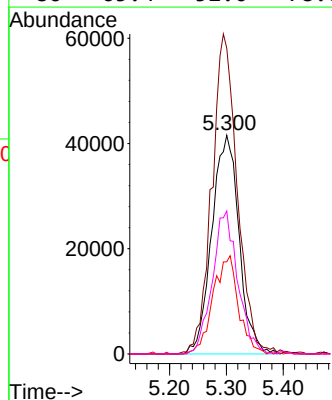
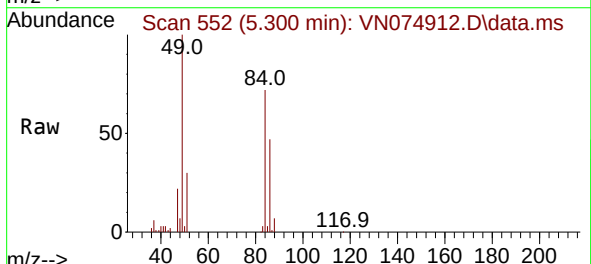
Manual Integrations
APPROVED

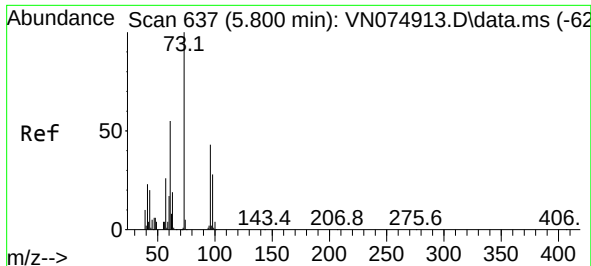
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#20
Methylene Chloride
Concen: 17.484 ug/l
RT: 5.300 min Scan# 552
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

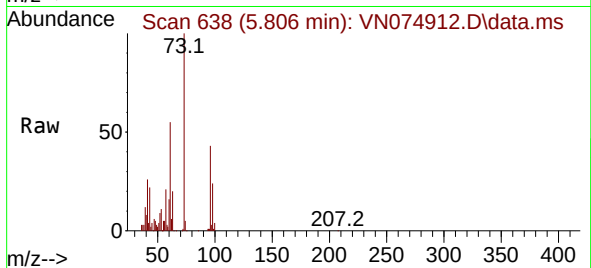
Tgt Ion: 84 Resp: 138428
Ion Ratio Lower Upper
84 100
49 139.3 107.1 160.7
51 42.1 32.8 49.2
86 65.4 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 18.235 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

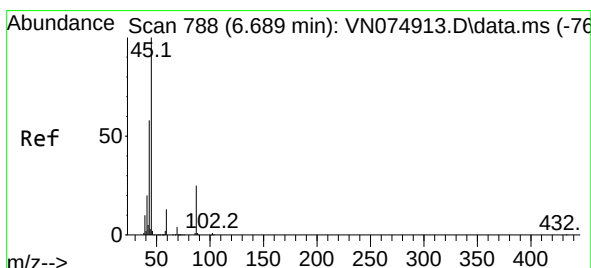
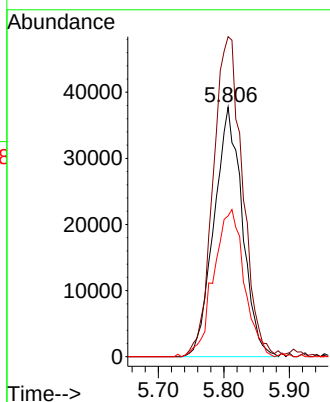
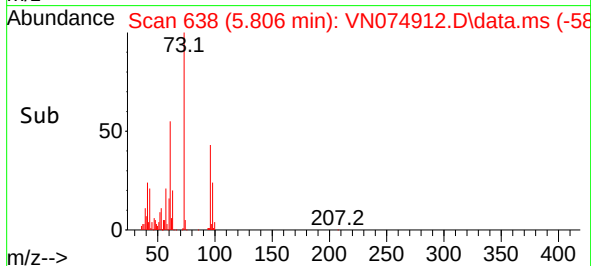
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 112672
Ion Ratio Lower Upper
96 100
61 128.2 97.4 146.0
98 55.9 44.0 66.0

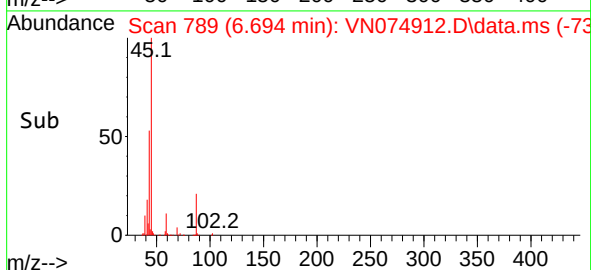
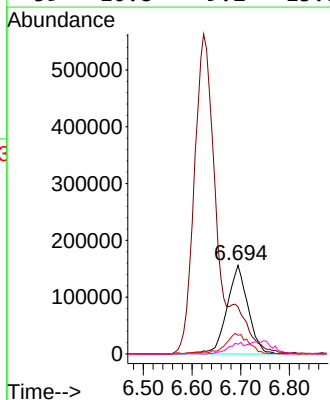
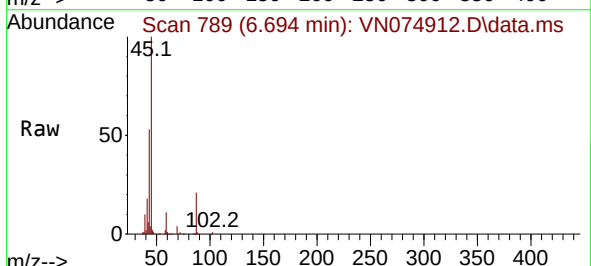
Manual Integrations
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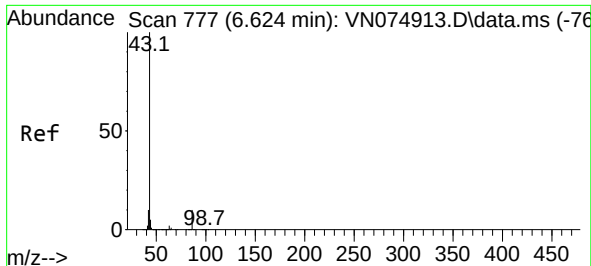
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#22
Diisopropyl ether
Concen: 18.531 ug/l
RT: 6.694 min Scan# 789
Delta R.T. 0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

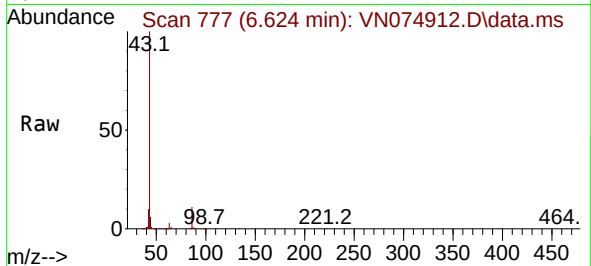
Tgt Ion: 45 Resp: 467400
Ion Ratio Lower Upper
45 100
43 50.8 43.8 65.8
87 21.1 21.3 31.9#
59 10.8 9.2 13.8





#23
 Vinyl Acetate
 Concen: 88.743 ug/l
 RT: 6.624 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VN074912.D
 Acq: 17 Oct 2022 12:36

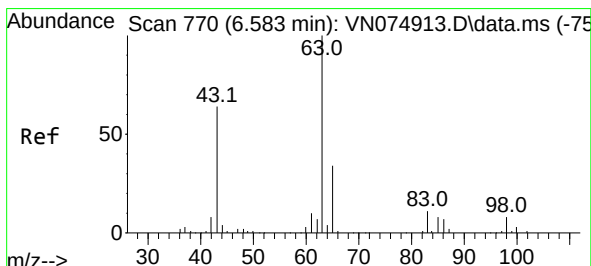
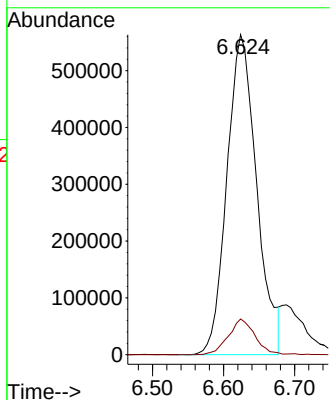
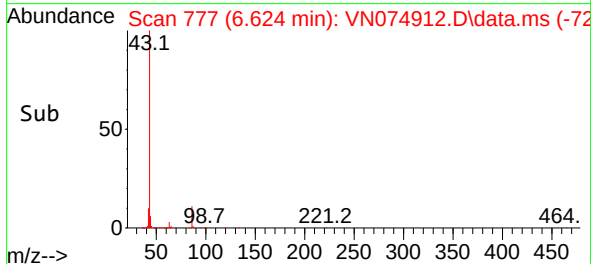
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



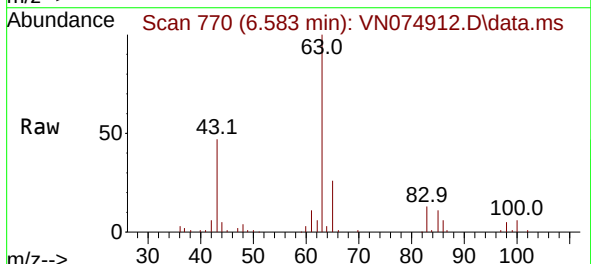
Tgt Ion: 43 Resp: 164252
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.1 12.1

Manual Integrations
 APPROVED

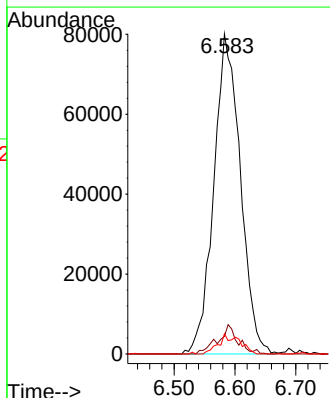
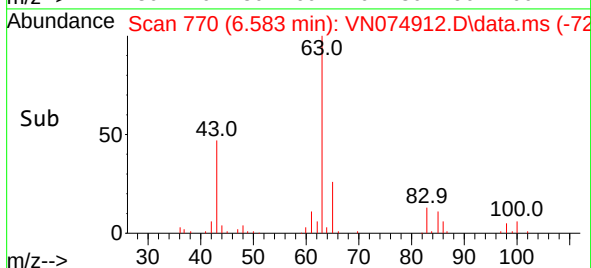
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022

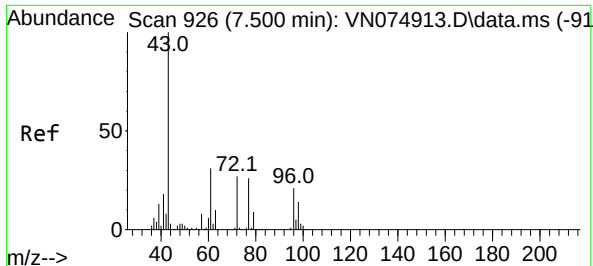


#24
 1,1-Dichloroethane
 Concen: 17.900 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.006 min
 Lab File: VN074912.D
 Acq: 17 Oct 2022 12:36



Tgt Ion: 63 Resp: 242997
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.9 8.8
 100 6.3 2.3 6.8





#25

2-Butanone

Concen: 99.702 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074912.D

Acq: 17 Oct 2022 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 66394

Ion Ratio Lower Upper

43 100

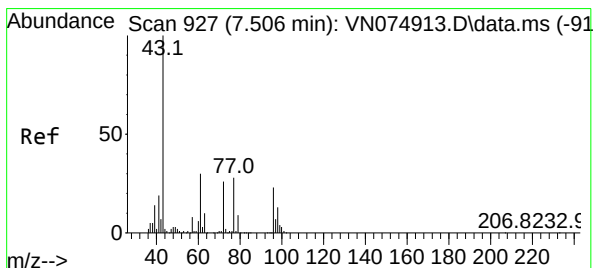
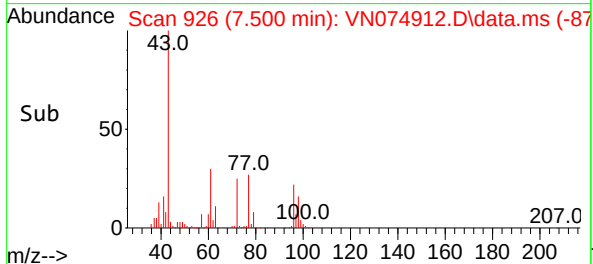
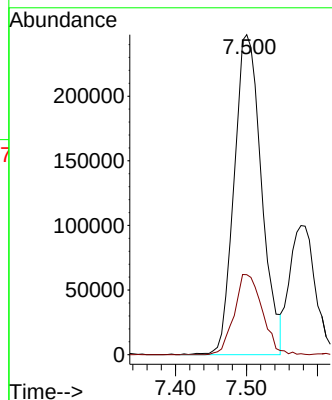
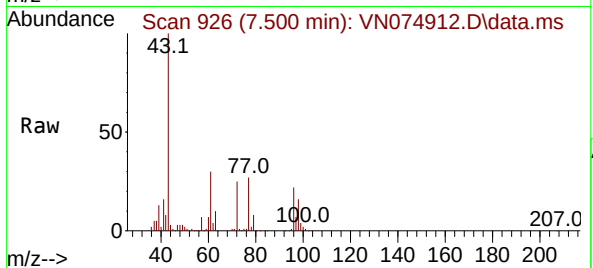
72 25.0 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#26

2,2-Dichloropropane

Concen: 17.668 ug/l

RT: 7.506 min Scan# 927

Delta R.T. 0.006 min

Lab File: VN074912.D

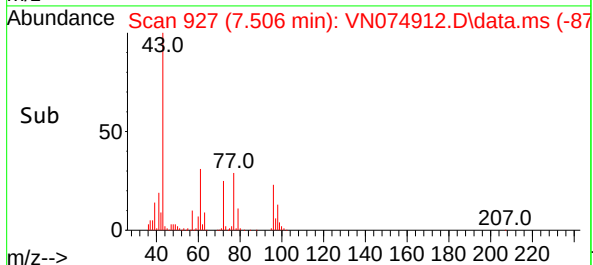
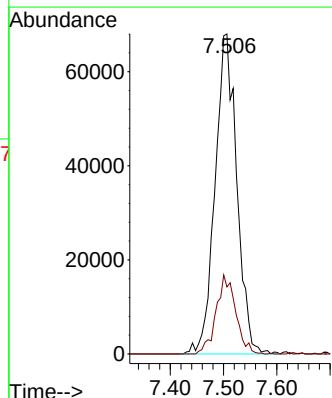
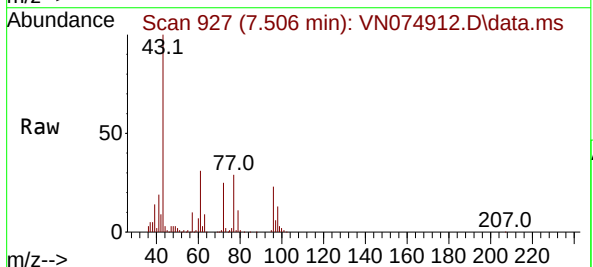
Acq: 17 Oct 2022 12:36

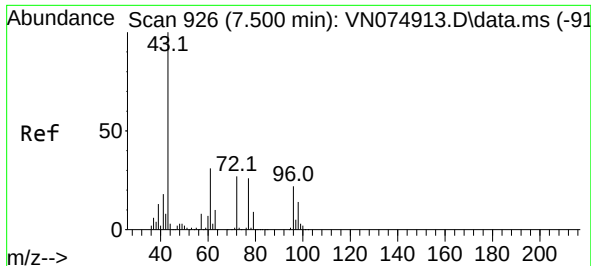
Tgt Ion: 77 Resp: 192352

Ion Ratio Lower Upper

77 100

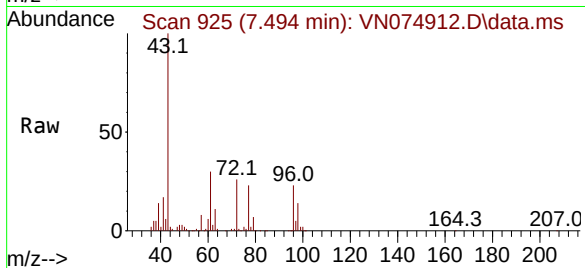
97 22.2 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 19.139 ug/l
RT: 7.494 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

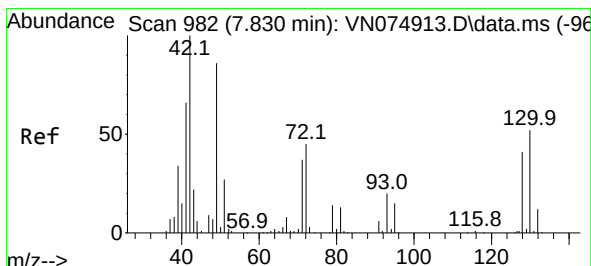
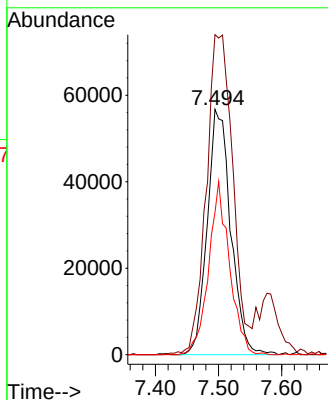
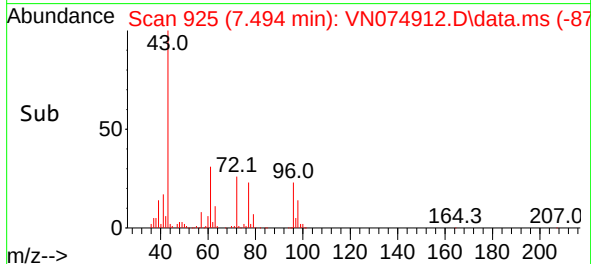
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 96 Resp: 146904
Ion Ratio Lower Upper
96 100
61 147.3 0.0 303.6
98 62.7 0.0 127.8

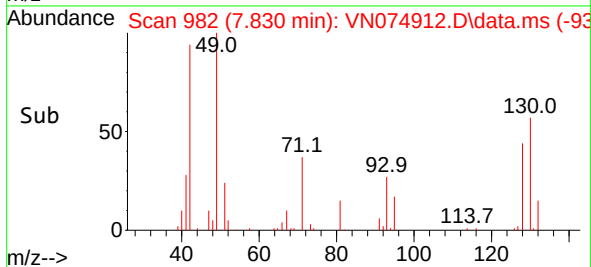
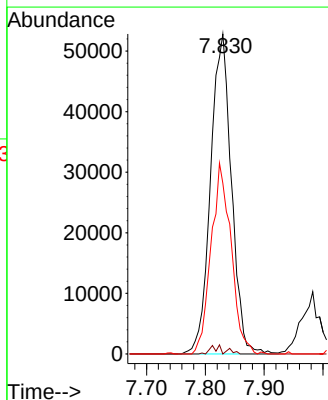
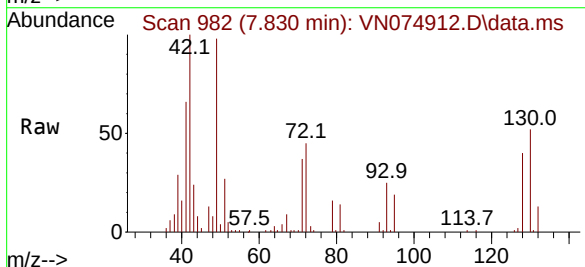
Manual Integrations
APPROVED

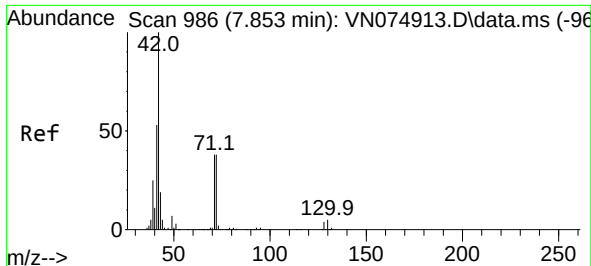
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#28
Bromochloromethane
Concen: 22.890 ug/l
RT: 7.830 min Scan# 982
Delta R.T. 0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Tgt Ion: 49 Resp: 130497
Ion Ratio Lower Upper
49 100
129 1.3 0.0 3.2
130 57.0 48.2 72.4





#29

Tetrahydrofuran

Concen: 101.284 ug/l

RT: 7.853 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074912.D

Acq: 17 Oct 2022 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 44280

Ion Ratio Lower Upper

42 100

72 41.0 32.4 48.6

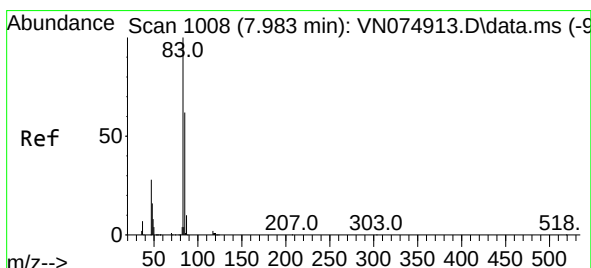
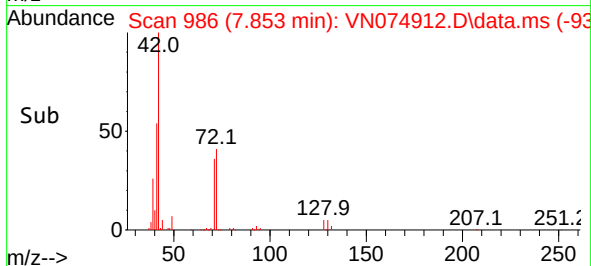
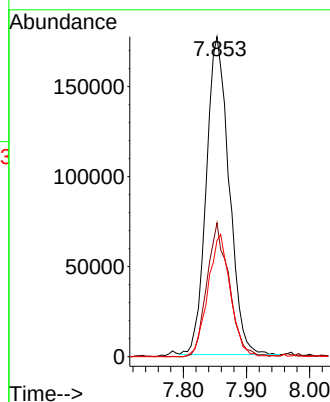
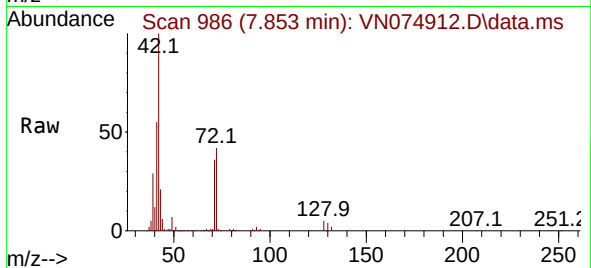
71 38.0 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#30

Chloroform

Concen: 19.622 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.006 min

Lab File: VN074912.D

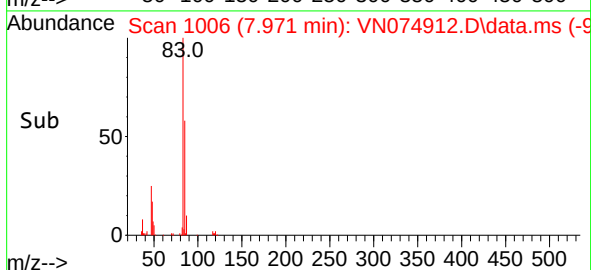
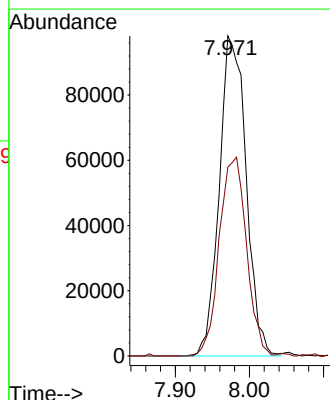
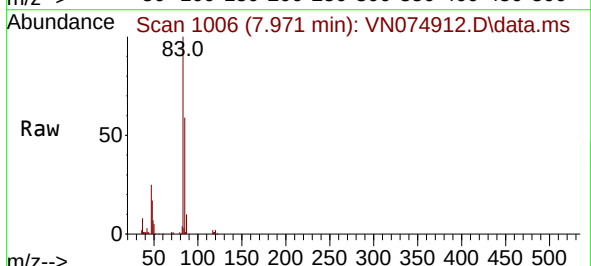
Acq: 17 Oct 2022 12:36

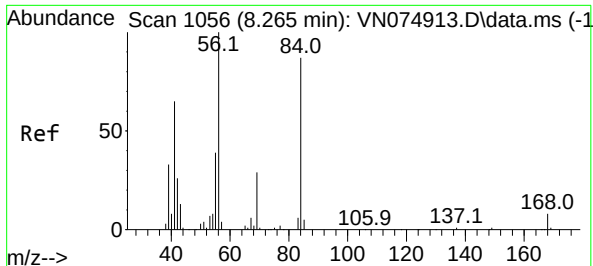
Tgt Ion: 83 Resp: 246572

Ion Ratio Lower Upper

83 100

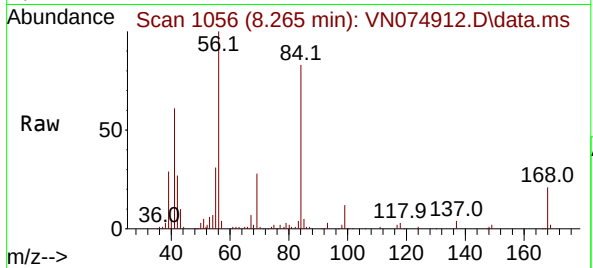
85 59.0 55.2 82.8





#31
Cyclohexane
Concen: 18.040 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

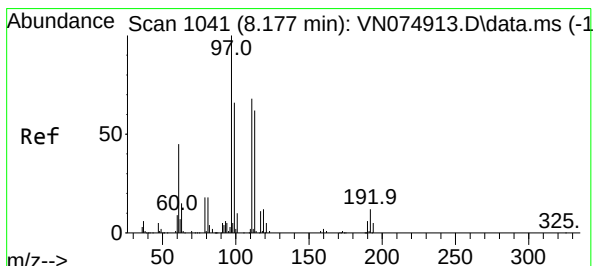
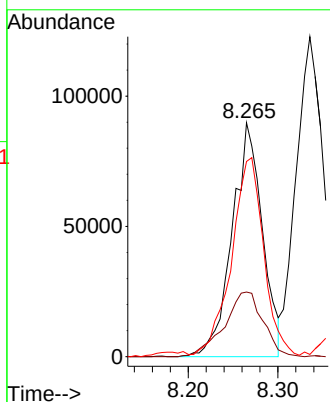
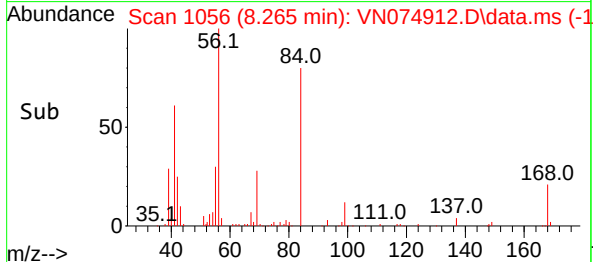
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



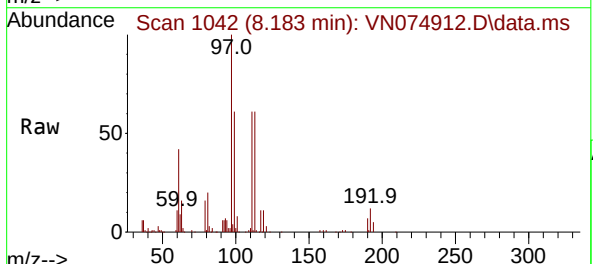
Tgt Ion: 56 Resp: 210199
Ion Ratio Lower Upper
56 100
69 27.7 24.3 36.5
84 82.2 69.8 104.8

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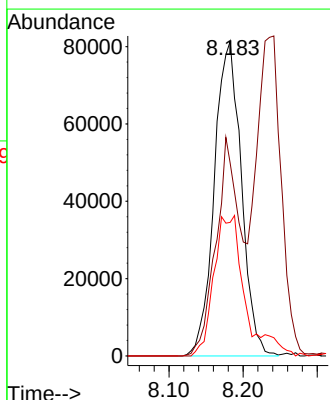
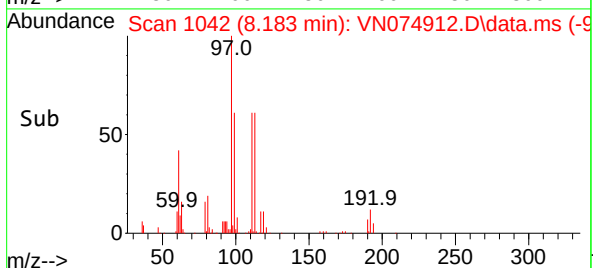
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

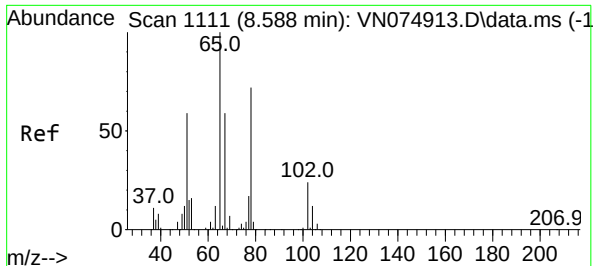


#32
1,1,1-Trichloroethane
Concen: 19.270 ug/l
RT: 8.183 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36



Tgt Ion: 97 Resp: 205622
Ion Ratio Lower Upper
97 100
99 63.2 52.1 78.1
61 46.7 40.5 60.7





#33

1,2-Dichloroethane-d4

Concen: 21.271 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN074912.D

Acq: 17 Oct 2022 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 166904

Ion Ratio Lower Upper

65 100

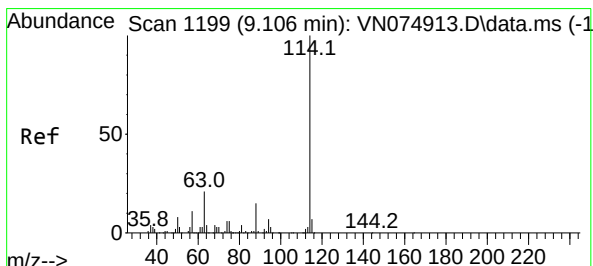
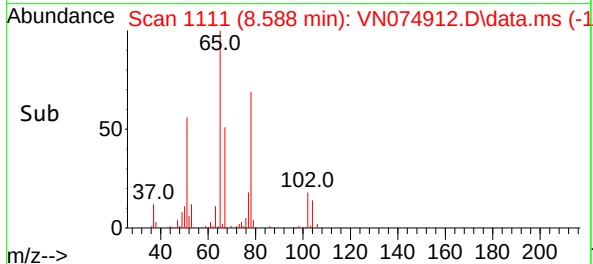
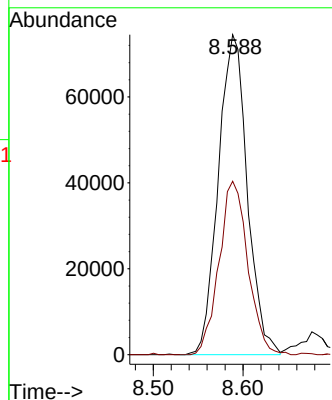
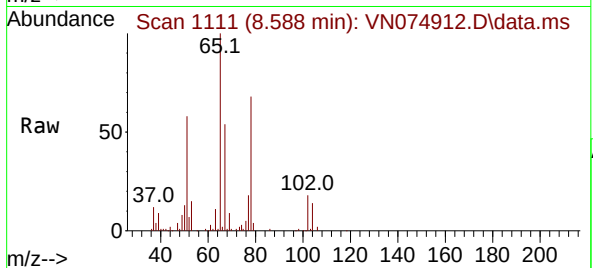
67 53.9 0.0 108.6

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: VN074912.D

Acq: 17 Oct 2022 12:36

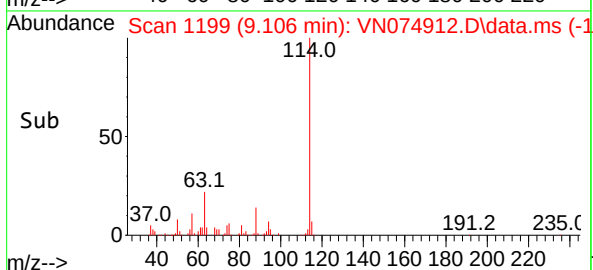
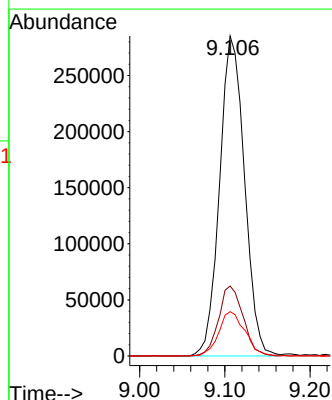
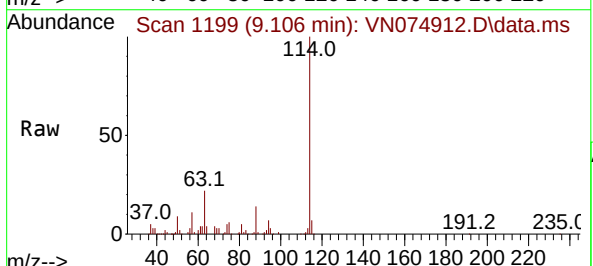
Tgt Ion:114 Resp: 578105

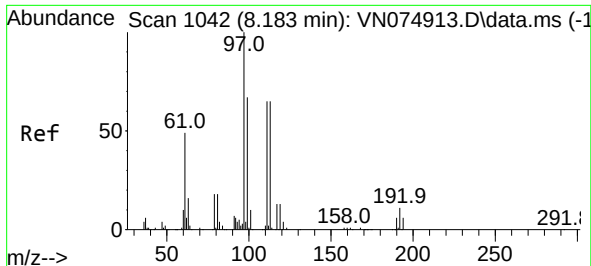
Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.8

88 13.9 0.0 25.8





#35

Dibromofluoromethane

Concen: 20.359 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VN074912.D

Acq: 17 Oct 2022 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:113 Resp: 127840

Ion Ratio Lower Upper

113 100

111 103.0 81.1 121.7

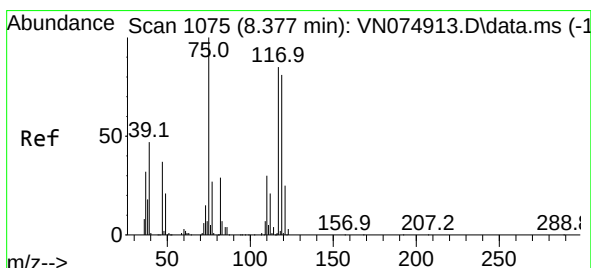
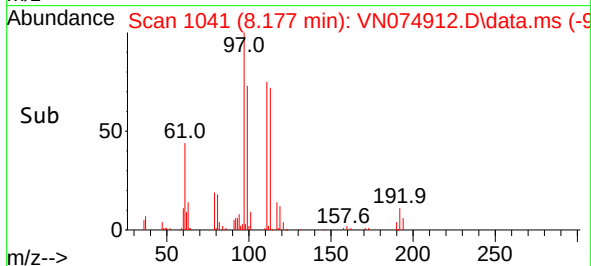
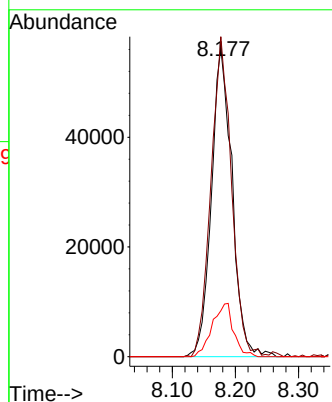
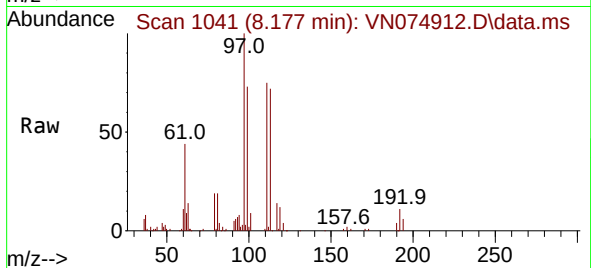
192 17.8 13.1 19.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#36

1,1-Dichloropropene

Concen: 17.755 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN074912.D

Acq: 17 Oct 2022 12:36

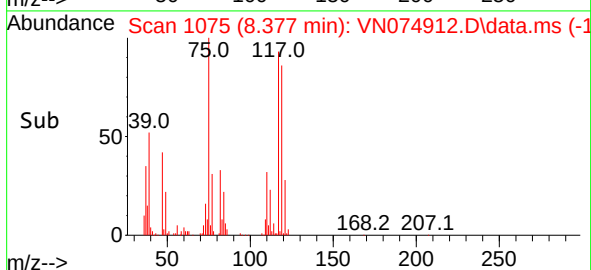
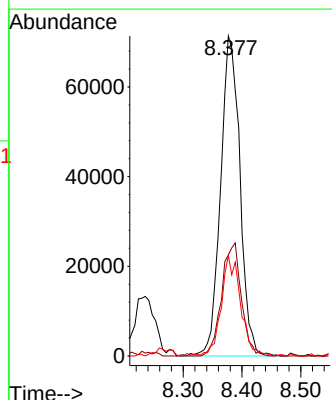
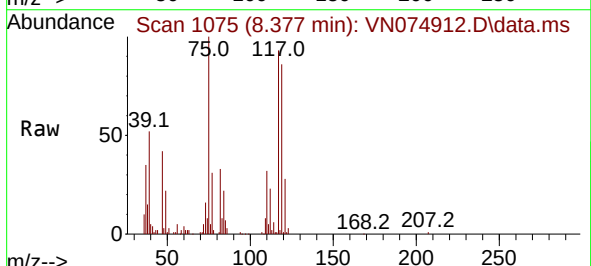
Tgt Ion: 75 Resp: 163429

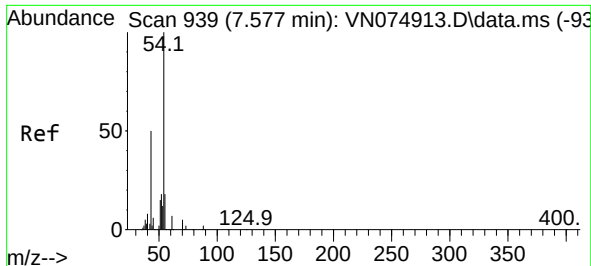
Ion Ratio Lower Upper

75 100

110 35.9 16.3 48.8

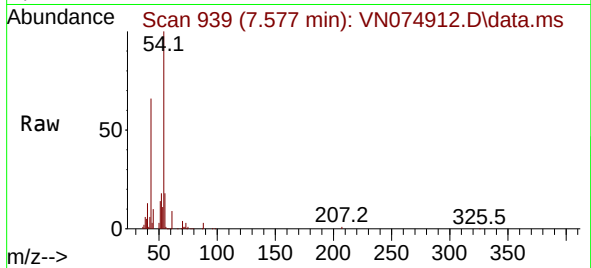
77 31.2 24.8 37.2





#37
Ethyl Acetate
Concen: 18.306 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

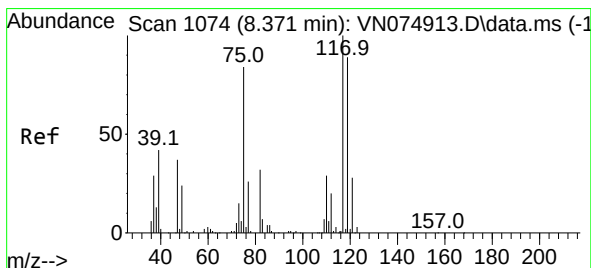
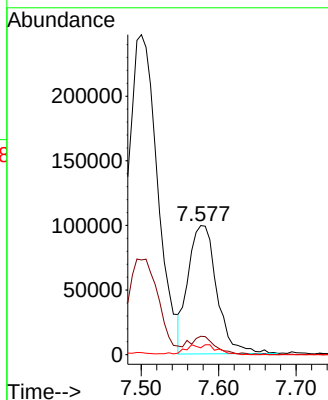
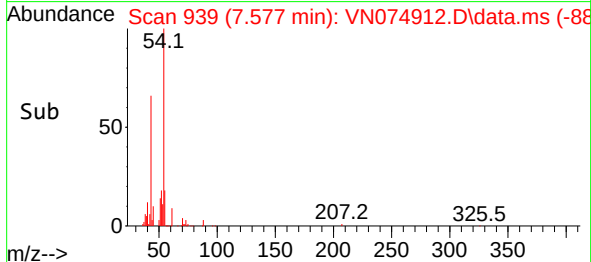
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 25518
Ion Ratio Lower Upper
43 100
61 12.5 10.5 15.7
70 3.6 6.4 9.6

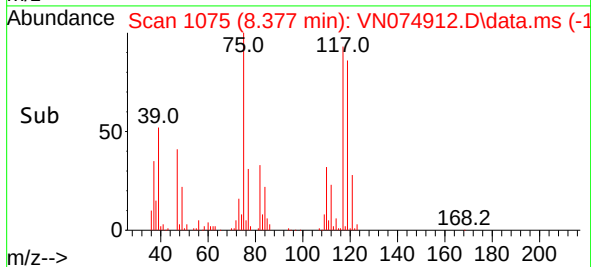
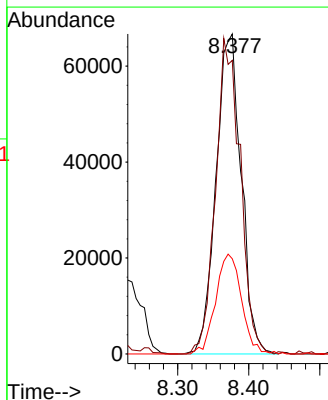
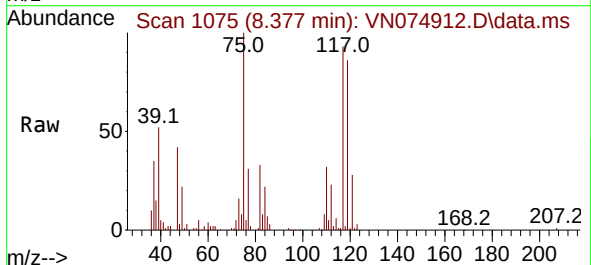
Manual Integrations
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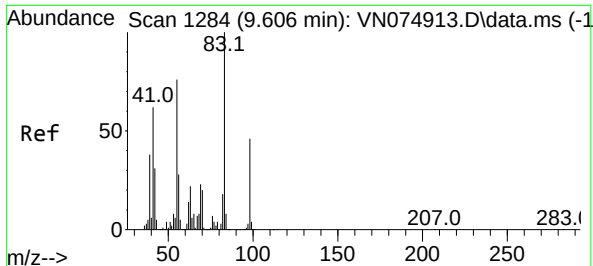
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#38
Carbon Tetrachloride
Concen: 18.874 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Tgt Ion:117 Resp: 164222
Ion Ratio Lower Upper
117 100
119 91.8 75.8 113.8
121 29.7 23.8 35.6





#39

Methylcyclohexane

Concen: 18.785 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN074912.D

Acq: 17 Oct 2022 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

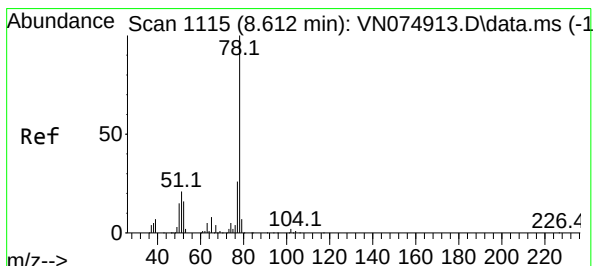
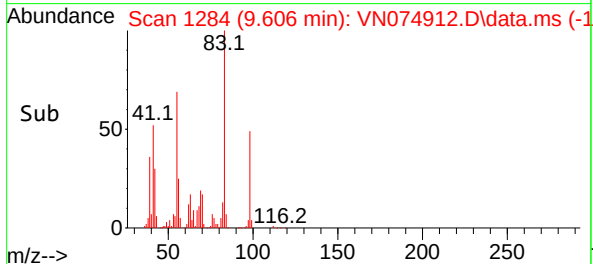
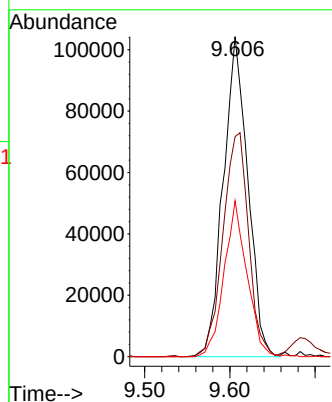
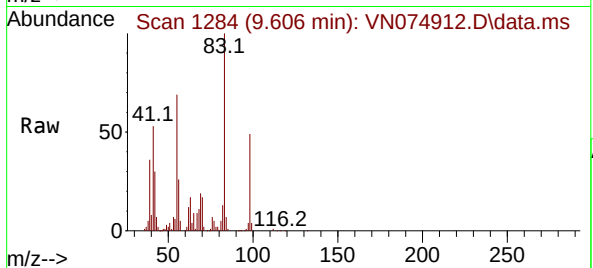
Tgt Ion:	83	Resp:	20850
Ion	Ratio	Lower	Upper
83	100		
55	68.8	58.2	87.2
98	48.7	39.3	58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#40

Benzene

Concen: 18.419 ug/l

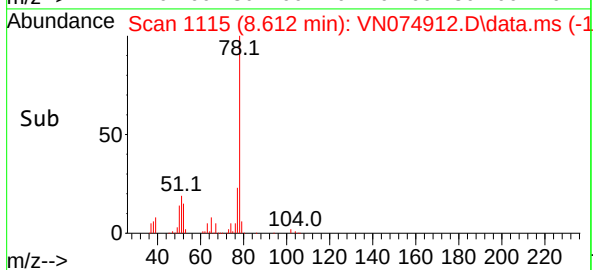
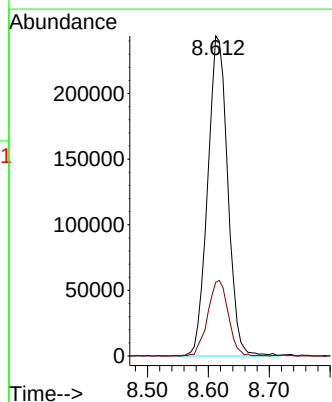
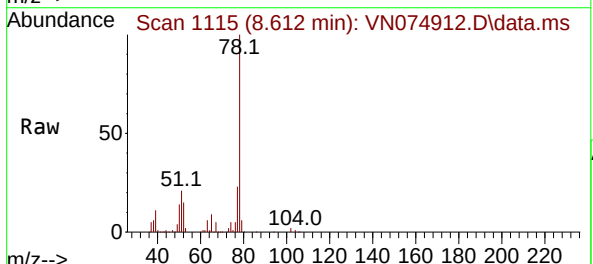
RT: 8.612 min Scan# 1115

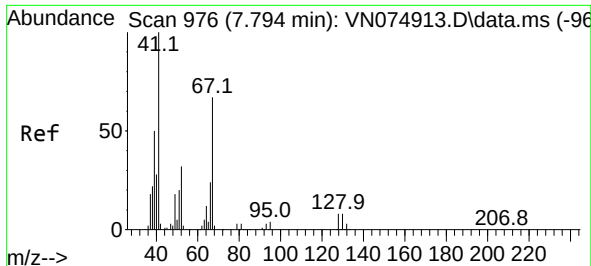
Delta R.T. -0.006 min

Lab File: VN074912.D

Acq: 17 Oct 2022 12:36

Tgt Ion:	78	Resp:	557625
Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.4	29.0





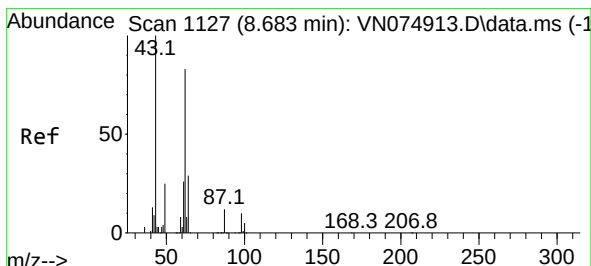
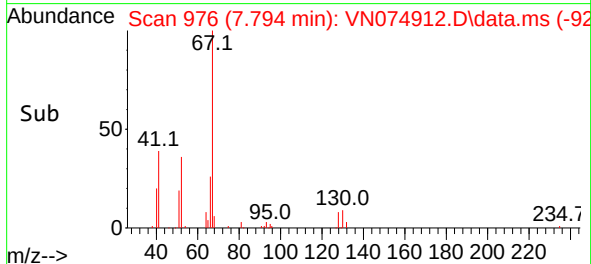
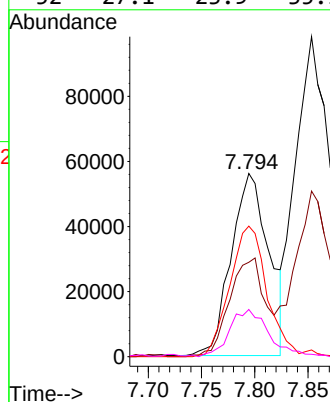
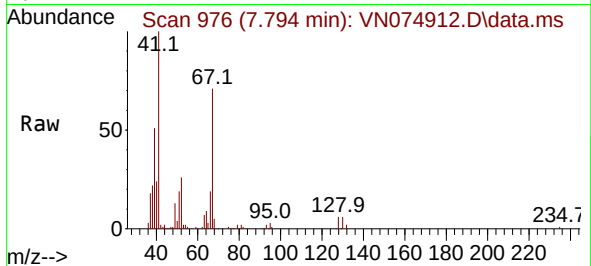
#41
Methacrylonitrile
Concen: 20.475 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020

Tgt Ion: 41 Resp: 13773
Ion Ratio Lower Upper
41 100
39 51.3 43.4 65.0
67 71.7 58.0 87.0
52 27.1 23.9 35.9

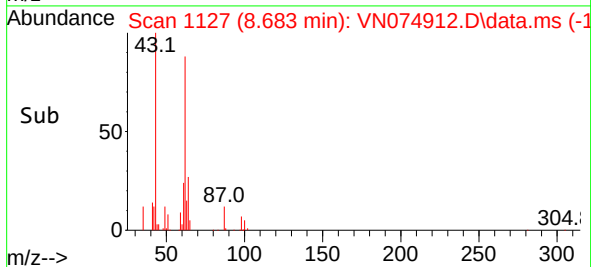
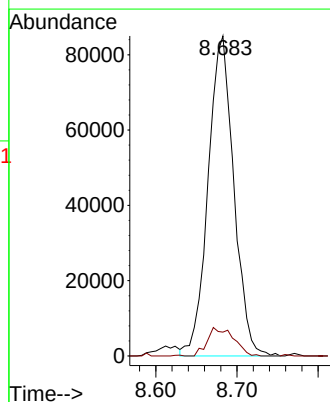
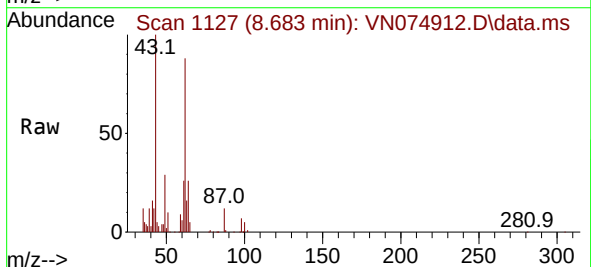
Manual Integrations
APPROVED

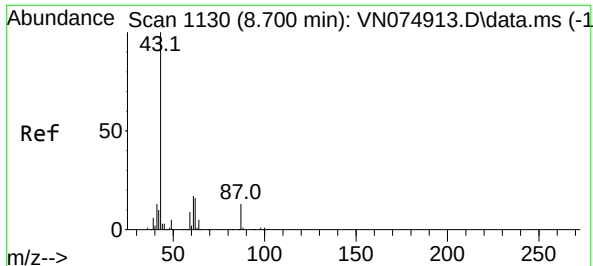
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#42
1,2-Dichloroethane
Concen: 18.943 ug/l
RT: 8.683 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Tgt Ion: 62 Resp: 187349
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.4





#43

Isopropyl Acetate

Concen: 19.220 ug/l

RT: 8.700 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN074912.D

Acq: 17 Oct 2022 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 404274

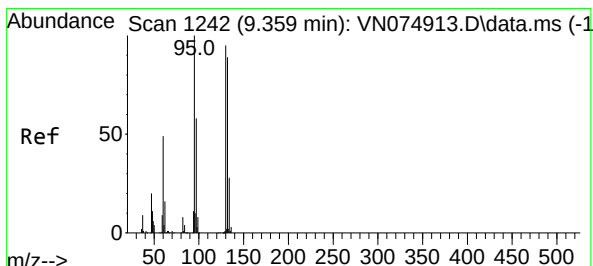
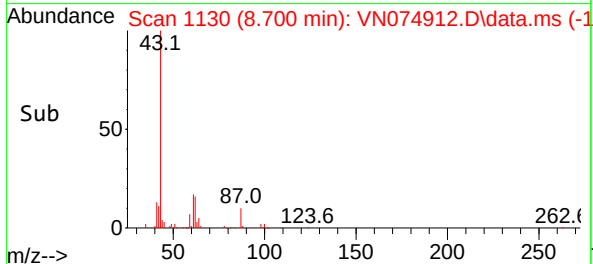
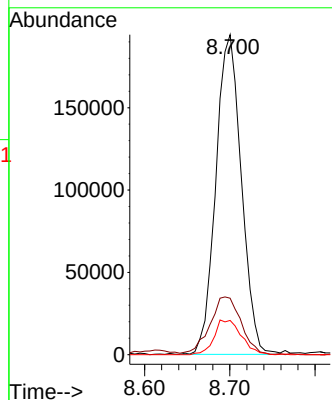
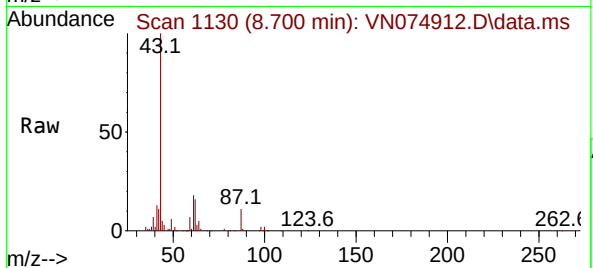
Ion	Ratio	Lower	Upper
43	100		
61	21.7	19.2	28.8
87	11.6	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#44

Trichloroethene

Concen: 18.721 ug/l

RT: 9.359 min Scan# 1242

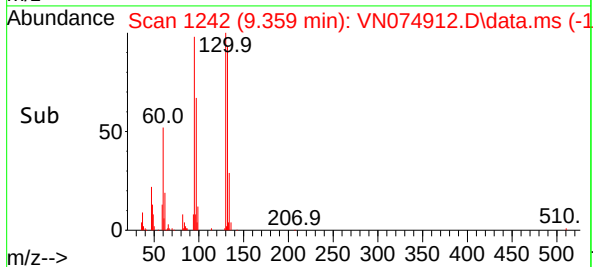
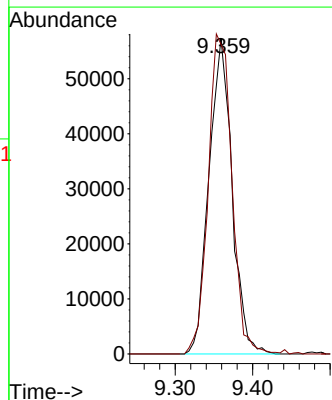
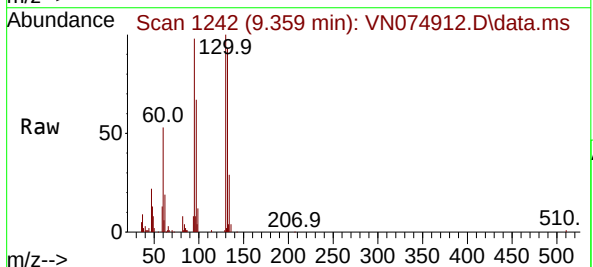
Delta R.T. 0.006 min

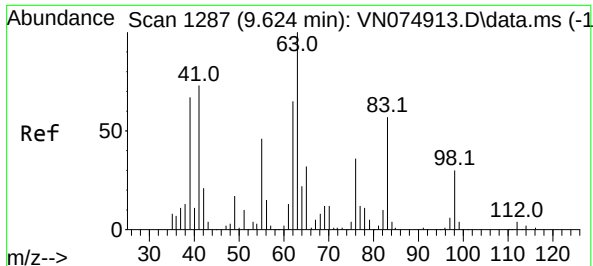
Lab File: VN074912.D

Acq: 17 Oct 2022 12:36

Tgt Ion:130 Resp: 118614

Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	189.2





#45

1,2-Dichloropropane

Concen: 18.448 ug/l

RT: 9.624 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN074912.D

Acq: 17 Oct 2022 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 150339

Ion Ratio Lower Upper

63 100

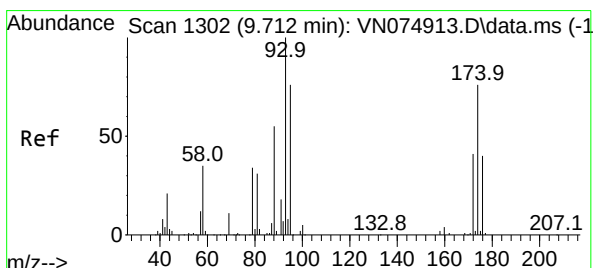
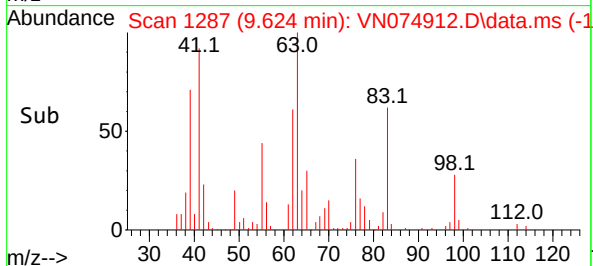
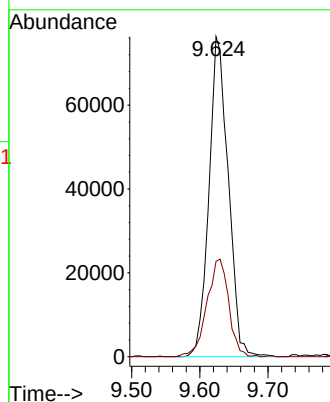
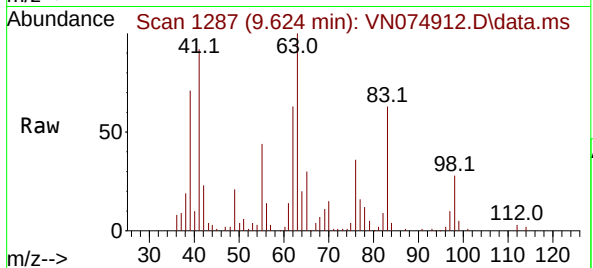
65 29.8 21.9 32.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#46

Dibromomethane

Concen: 19.286 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN074912.D

Acq: 17 Oct 2022 12:36

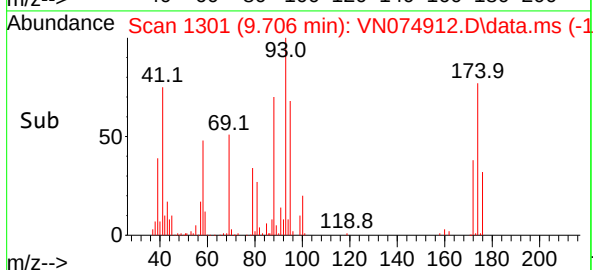
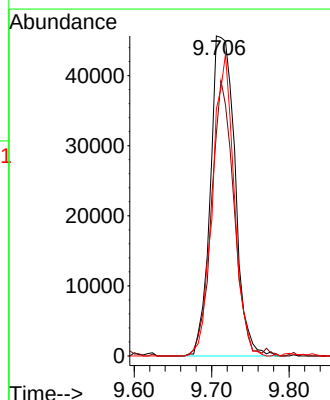
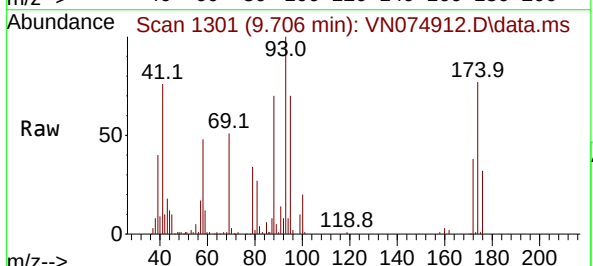
Tgt Ion: 93 Resp: 100640

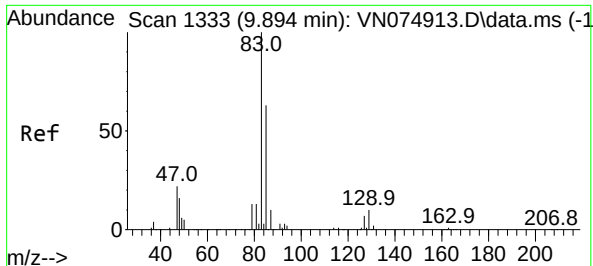
Ion Ratio Lower Upper

93 100

95 78.1 67.4 101.2

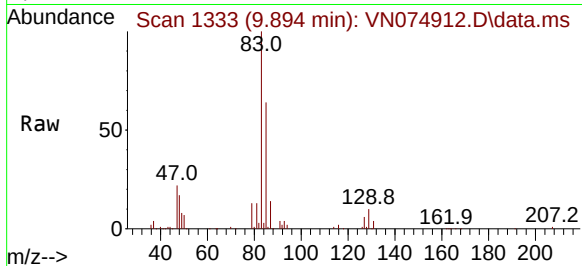
174 82.6 67.8 101.8





#47
Bromodichloromethane
Concen: 19.396 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

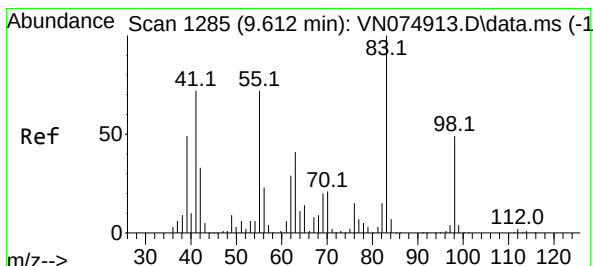
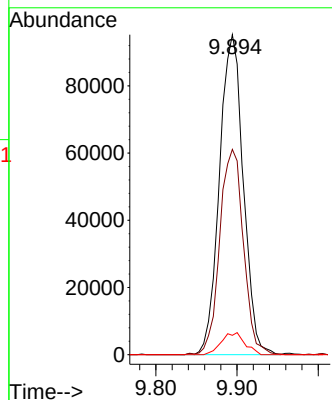
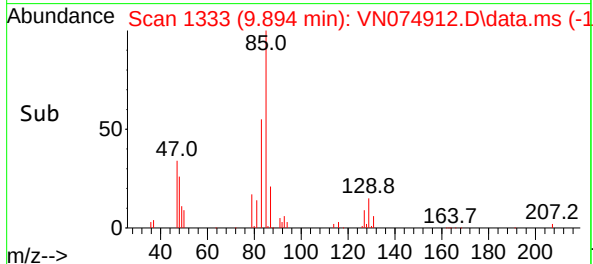
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



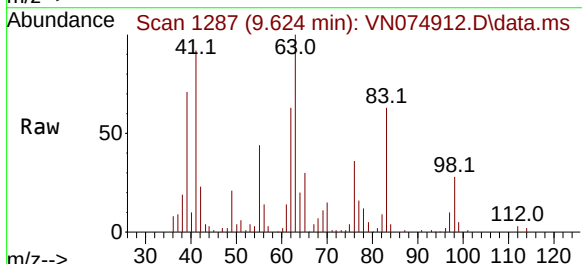
Tgt Ion: 83 Resp: 19420
Ion Ratio Lower Upper
83 100
85 64.2 51.0 76.4
127 6.1 6.4 9.6

Manual Integrations
APPROVED

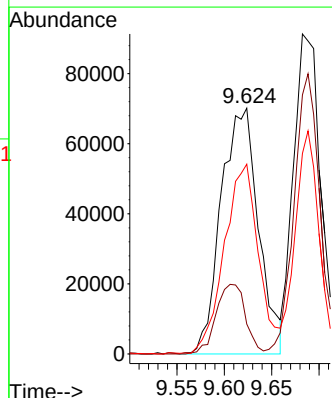
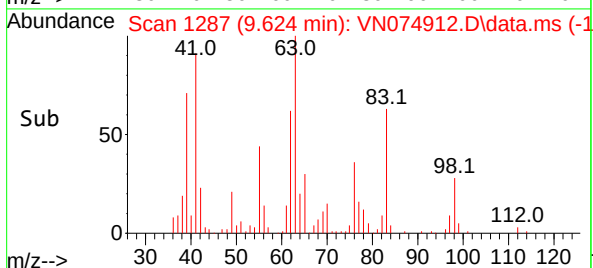
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

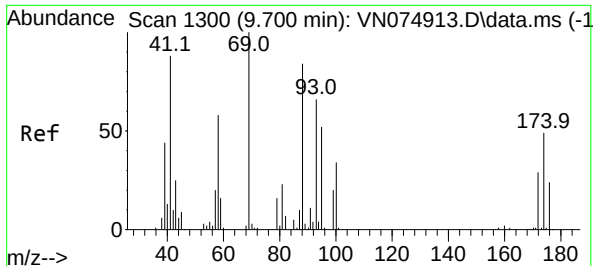


#48
Methyl methacrylate
Concen: 19.676 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36



Tgt Ion: 41 Resp: 192733
Ion Ratio Lower Upper
41 100
69 22.2 0.0 0.0#
39 70.5 58.9 88.3





#49

1,4-Dioxane

Concen: 415.291 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN074912.D

Acq: 17 Oct 2022 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 7411

Ion Ratio Lower Upper

88 100

43 25.6 24.5 36.7

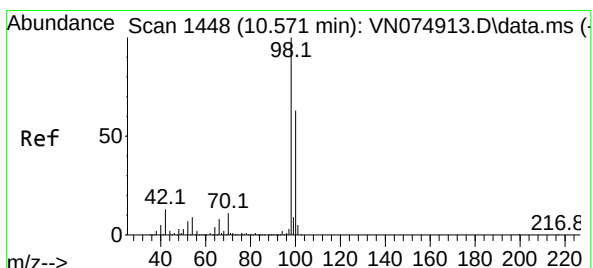
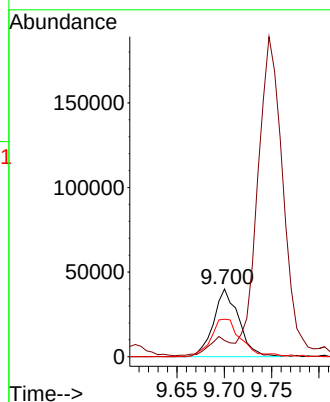
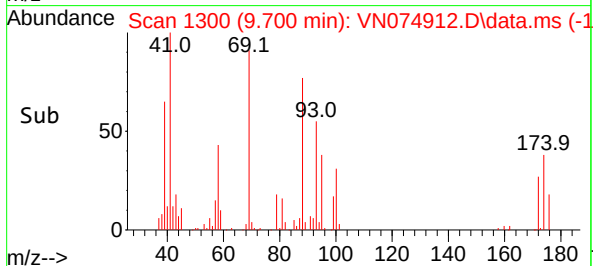
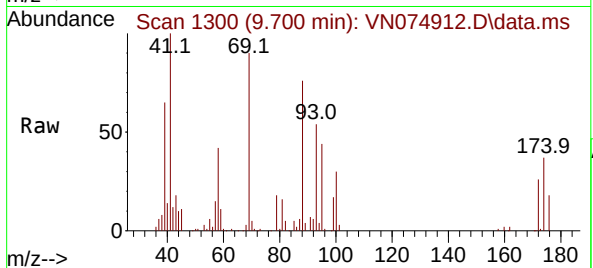
58 65.4 57.0 85.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#50

Toluene-d8

Concen: 20.640 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN074912.D

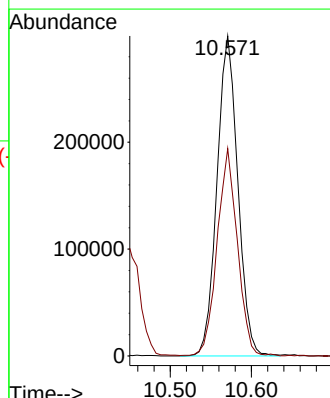
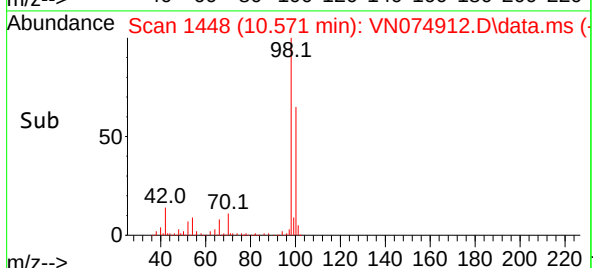
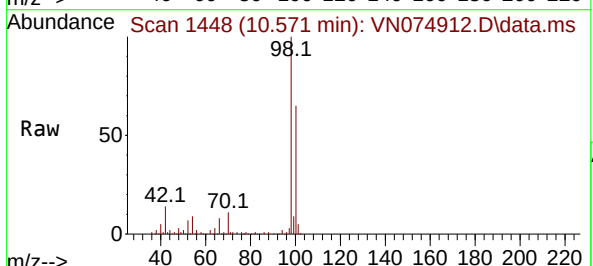
Acq: 17 Oct 2022 12:36

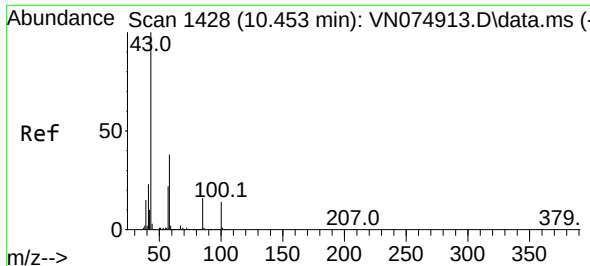
Tgt Ion: 98 Resp: 534671

Ion Ratio Lower Upper

98 100

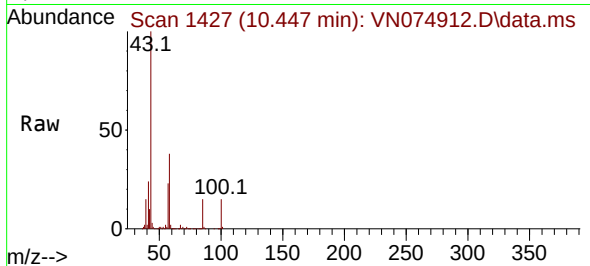
100 63.0 49.8 74.6





#51
4-Methyl-2-Pentanone
Concen: 100.116 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

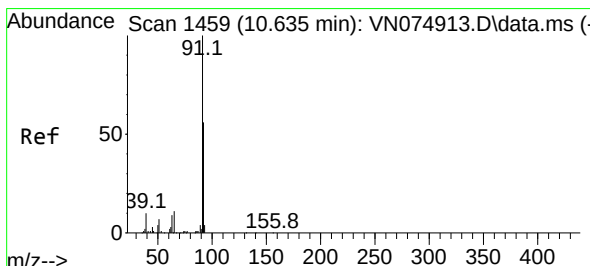
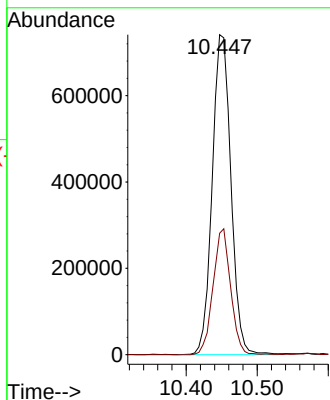
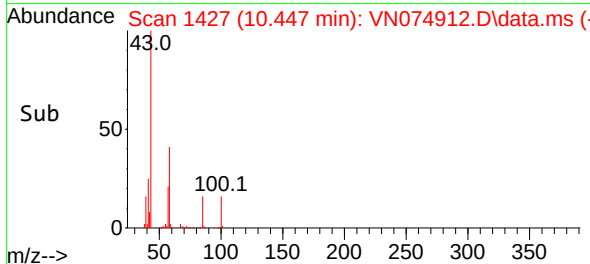
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 1354058
Ion Ratio Lower Upper
43 100
58 37.0 30.1 45.1

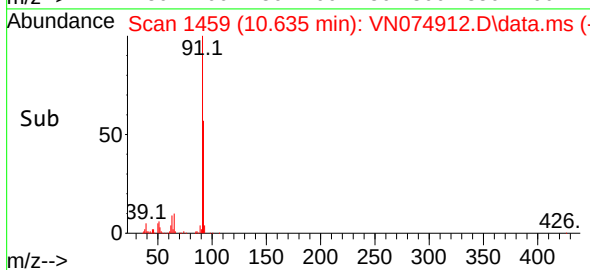
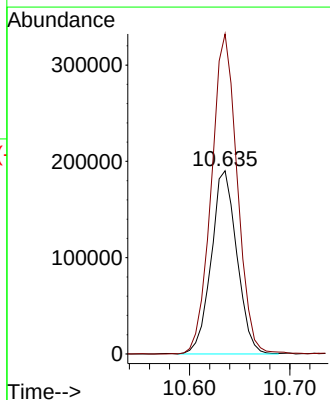
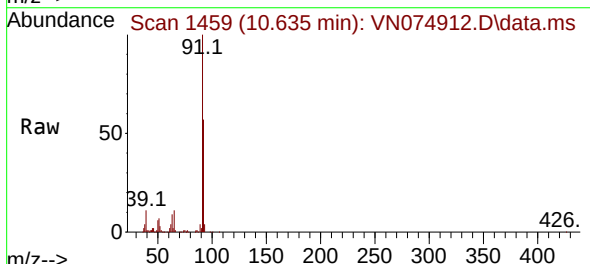
Manual Integrations
APPROVED

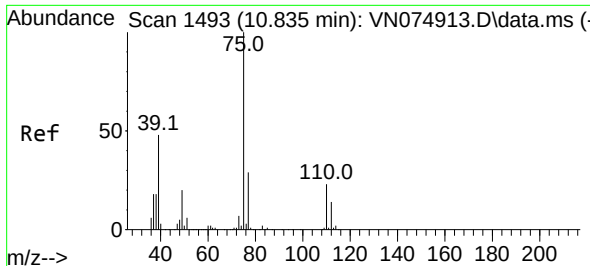
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#52
Toluene
Concen: 18.615 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

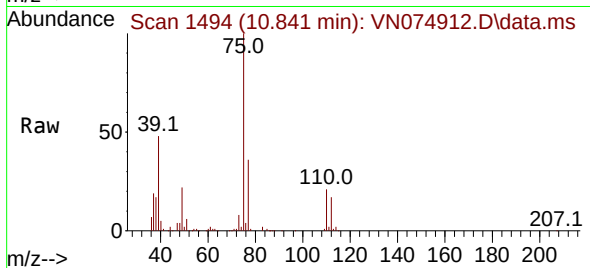
Tgt Ion: 92 Resp: 337576
Ion Ratio Lower Upper
92 100
91 176.7 140.0 210.0





#53
t-1,3-Dichloropropene
Concen: 18.985 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

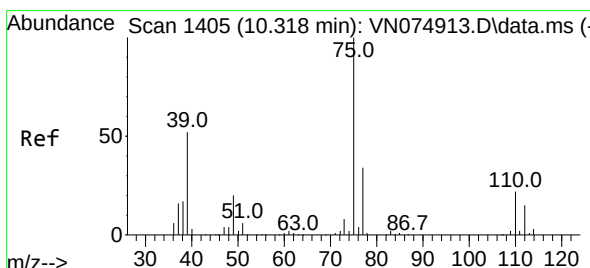
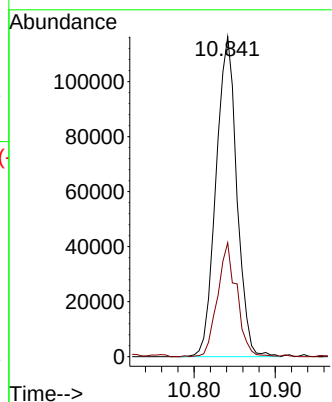
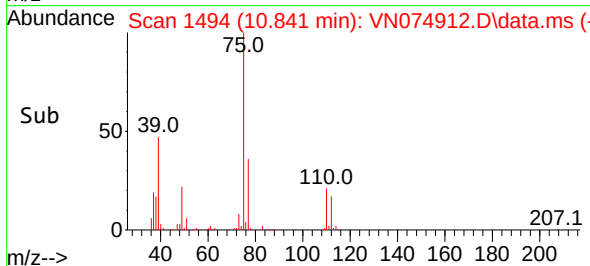
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 207748
Ion Ratio Lower Upper
75 100
77 35.6 24.4 36.6

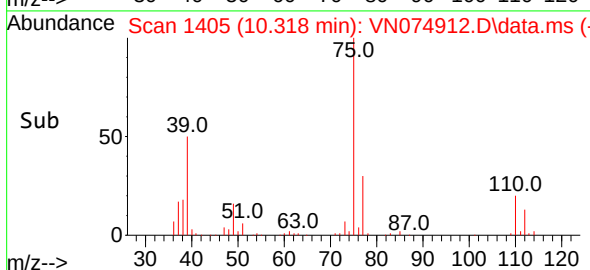
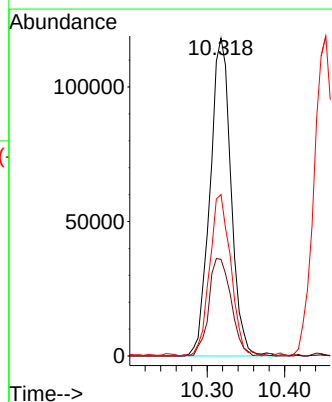
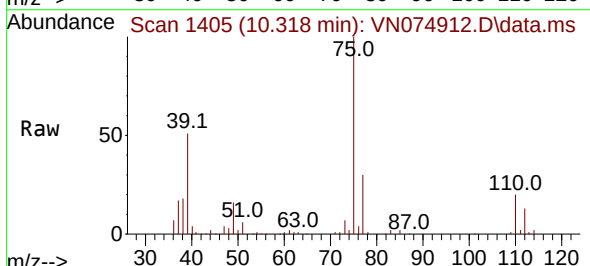
Manual Integrations
APPROVED

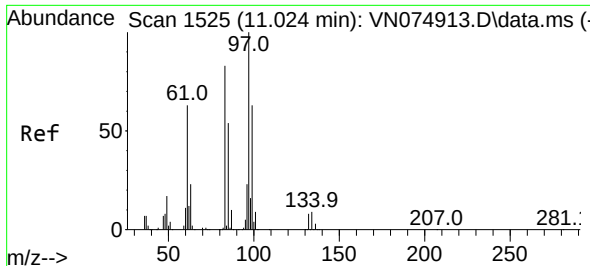
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#54
cis-1,3-Dichloropropene
Concen: 19.049 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

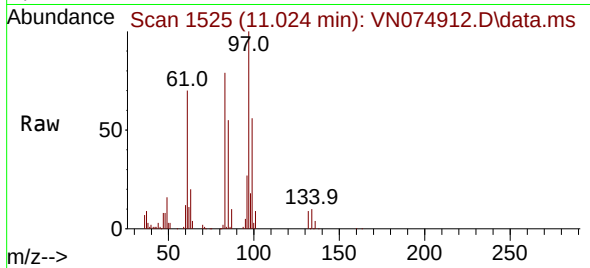
Tgt Ion: 75 Resp: 222233
Ion Ratio Lower Upper
75 100
77 30.4 27.8 41.8
39 50.8 42.2 63.4





#55
1,1,2-Trichloroethane
Concen: 19.814 ug/l
RT: 11.024 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

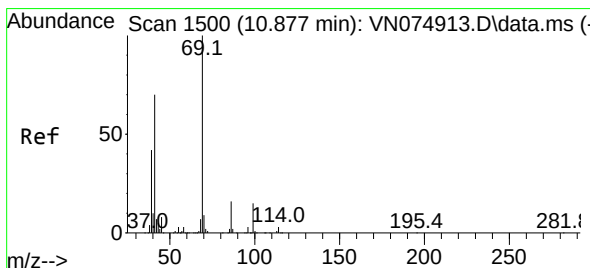
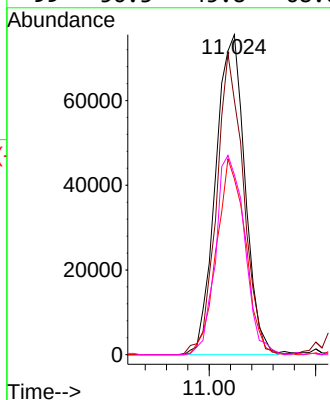
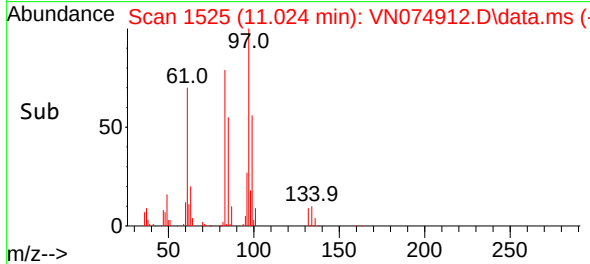


Tgt Ion: 97 Resp: 144325

Ion	Ratio	Lower	Upper
97	100		
83	79.5	68.7	103.1
85	55.0	45.9	68.9
99	56.3	45.8	68.6

Manual Integrations
APPROVED

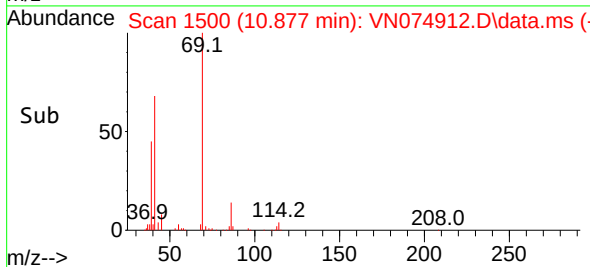
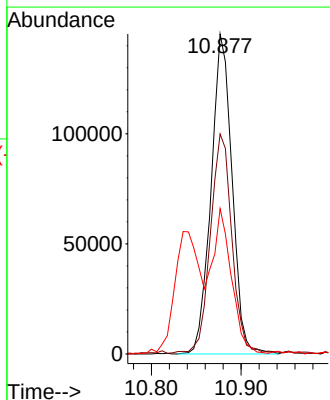
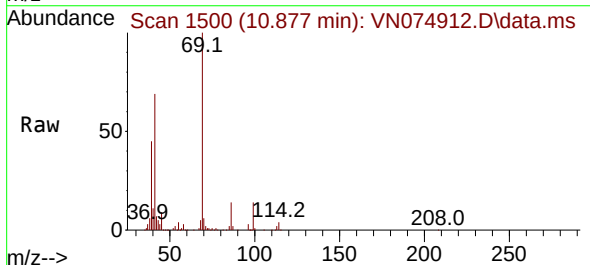
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

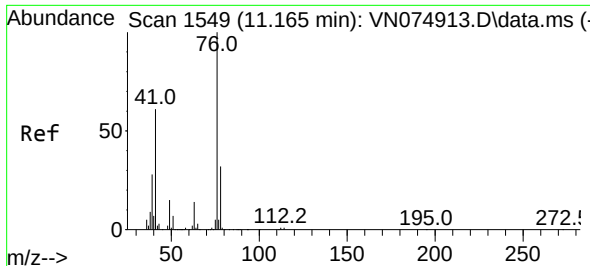


#56
Ethyl methacrylate
Concen: 20.235 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Tgt Ion: 69 Resp: 235918

Ion	Ratio	Lower	Upper
69	100		
41	70.2	57.8	86.8
39	41.8	34.9	52.3





#57

1,3-Dichloropropane

Concen: 18.700 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN074912.D

Acq: 17 Oct 2022 12:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 247030

Ion Ratio Lower Upper

76 100

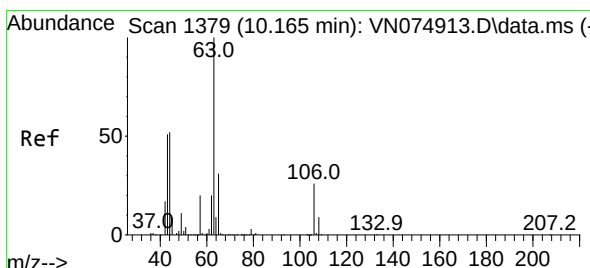
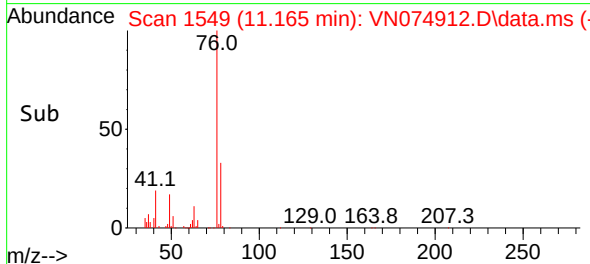
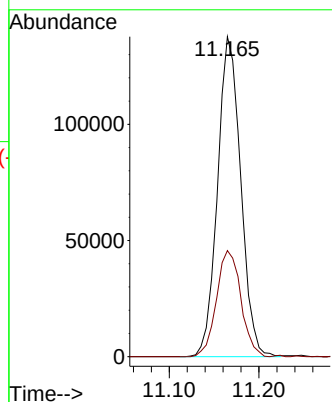
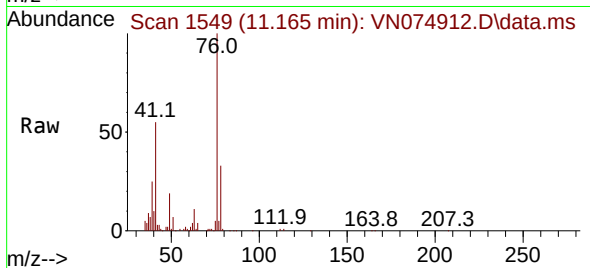
78 34.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2022

Supervised By :Mahesh Dadoda 10/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 133.655 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN074912.D

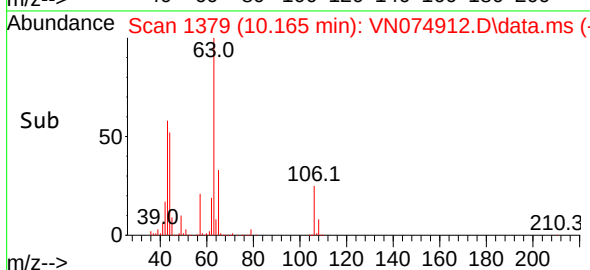
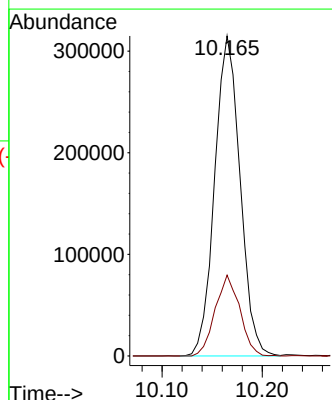
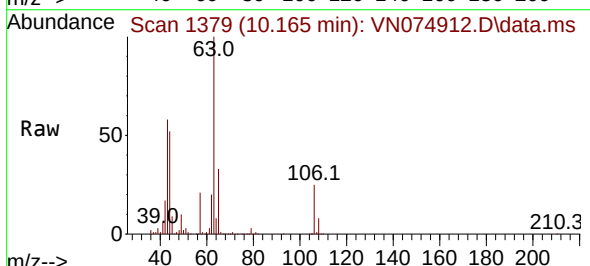
Acq: 17 Oct 2022 12:36

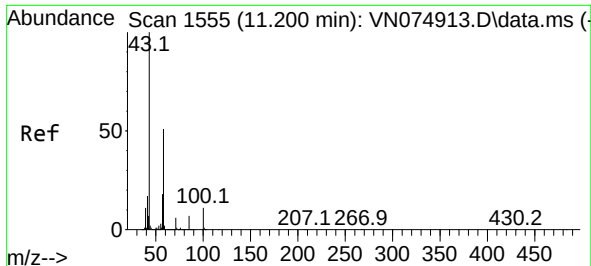
Tgt Ion: 63 Resp: 554728

Ion Ratio Lower Upper

63 100

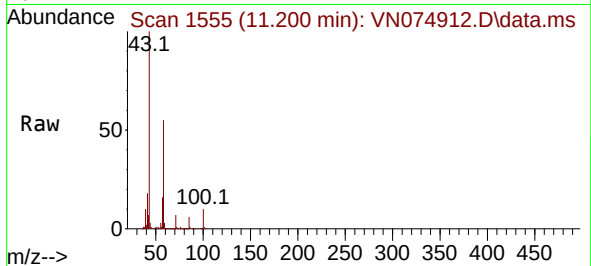
106 24.5 20.8 31.2





#59
2-Hexanone
Concen: 104.171 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

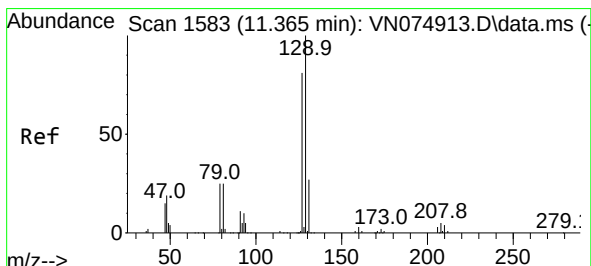
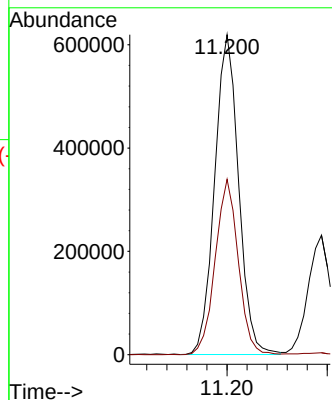
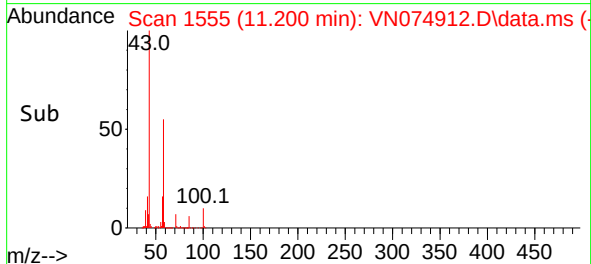
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



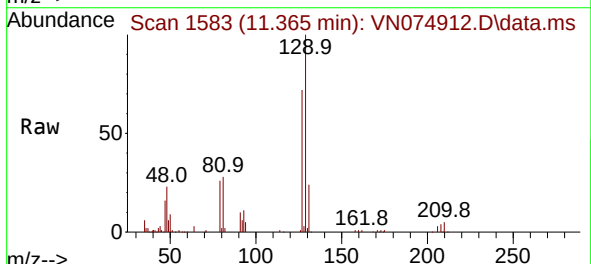
Tgt Ion: 43 Resp: 102861
Ion Ratio Lower Upper
43 100
58 52.7 26.8 80.3

Manual Integrations
APPROVED

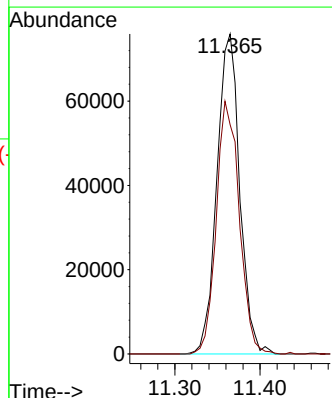
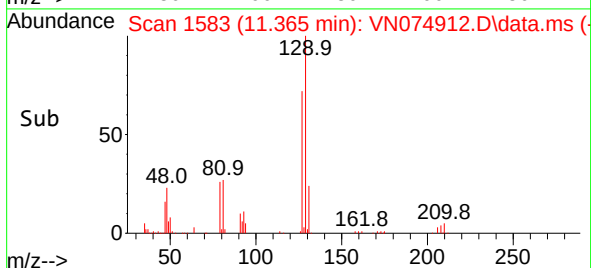
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

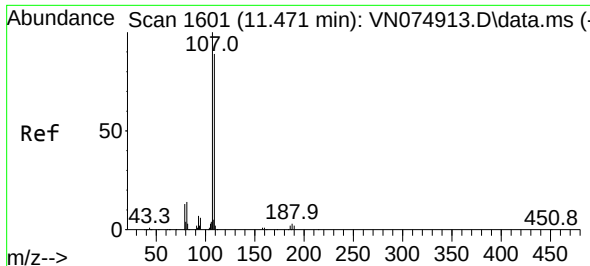


#60
Dibromochloromethane
Concen: 19.375 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36



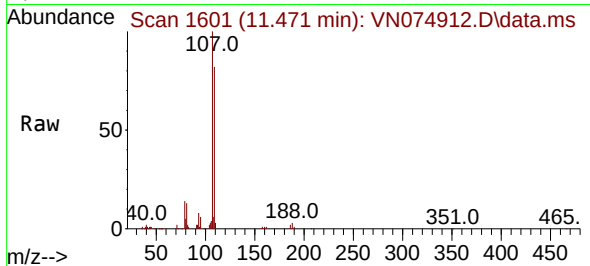
Tgt Ion:129 Resp: 141420
Ion Ratio Lower Upper
129 100
127 79.6 38.8 116.3





#61
1,2-Dibromoethane
Concen: 20.148 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

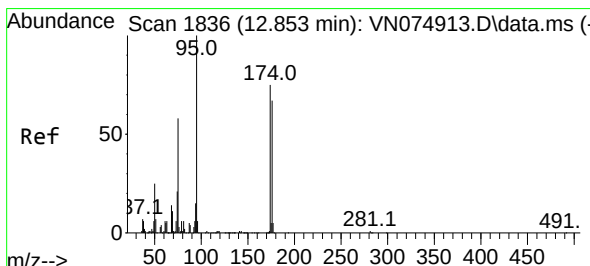
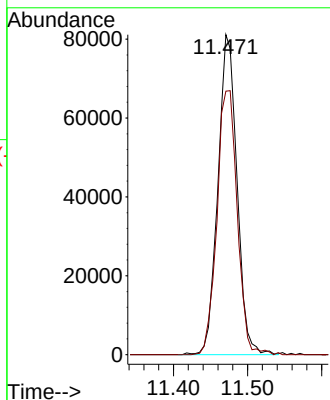
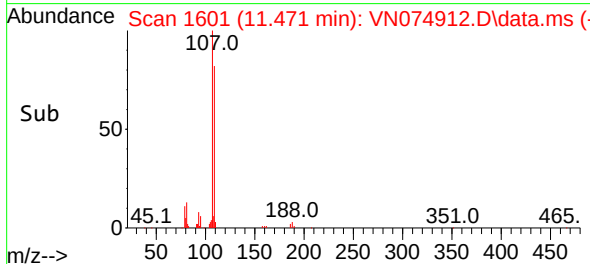
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



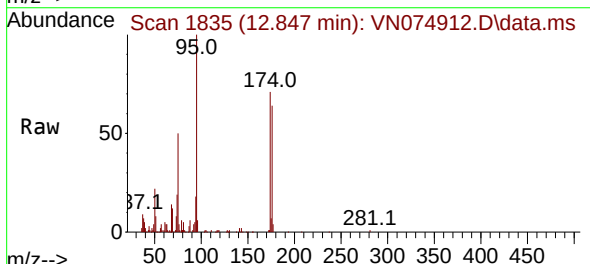
Tgt Ion:107 Resp: 145140
Ion Ratio Lower Upper
107 100
109 87.9 74.1 111.1

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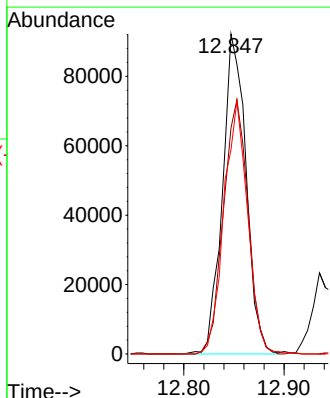
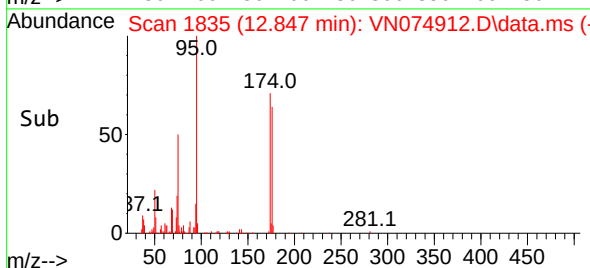
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

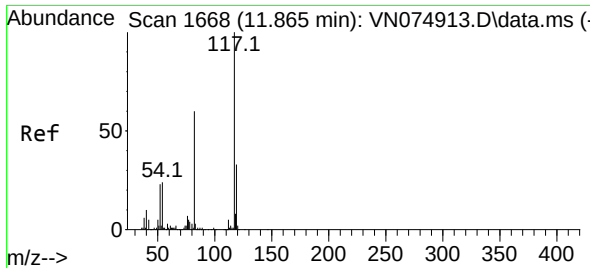


#62
4-Bromofluorobenzene
Concen: 20.332 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36



Tgt Ion: 95 Resp: 149968
Ion Ratio Lower Upper
95 100
174 83.2 0.0 159.4
176 79.9 0.0 152.4





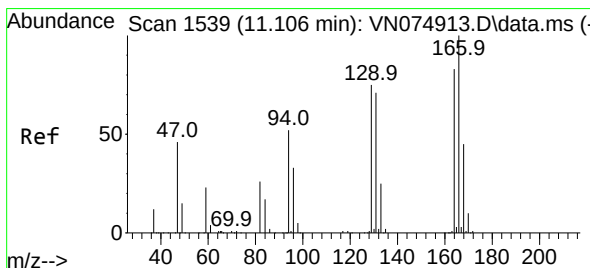
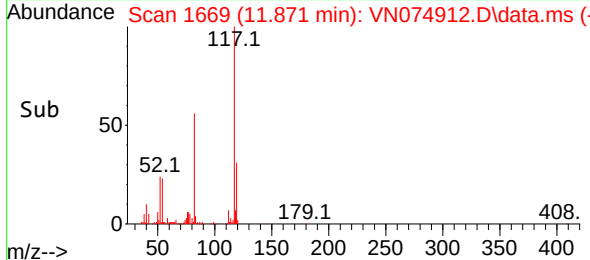
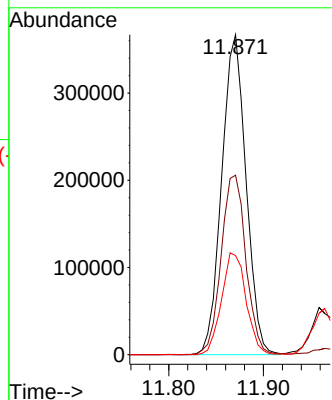
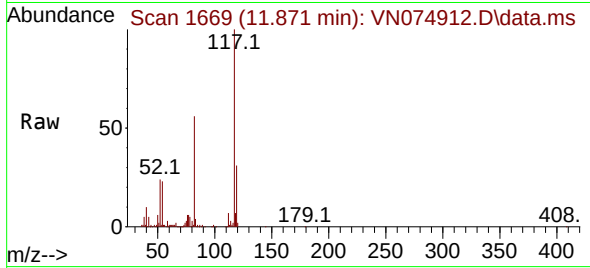
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1668
Delta R.T. 0.001 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:117 Resp: 65509
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 31.0 24.4 36.6

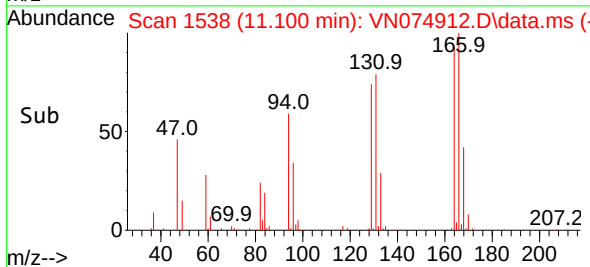
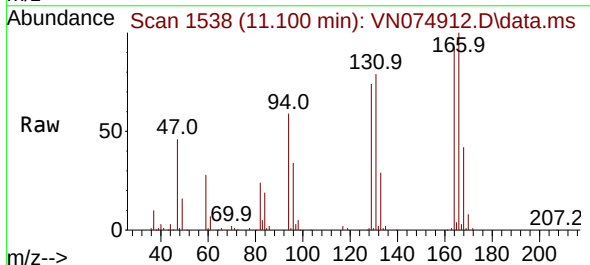
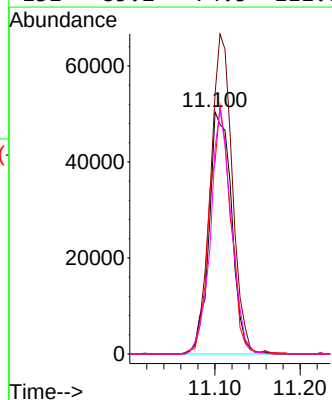
Manual Integrations
APPROVED

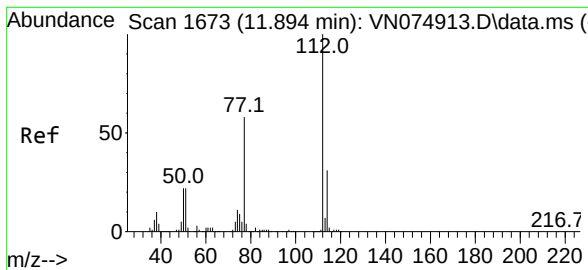
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#64
Tetrachloroethene
Concen: 17.464 ug/l
RT: 11.100 min Scan# 1538
Delta R.T. -0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Tgt Ion:164 Resp: 92284
Ion Ratio Lower Upper
164 100
166 107.6 100.9 151.3
129 79.6 75.2 112.8
131 85.2 74.5 111.7





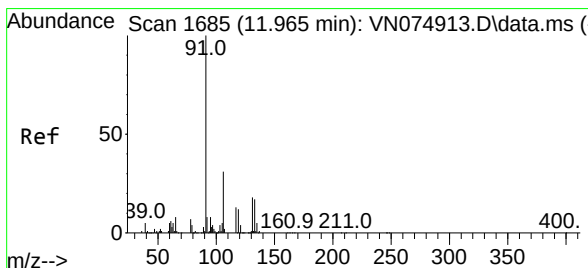
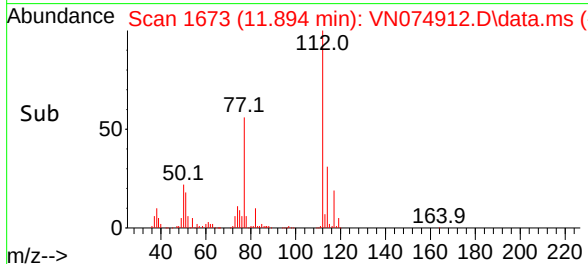
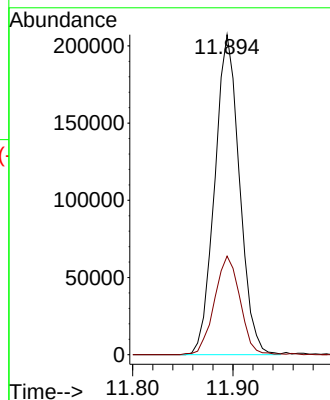
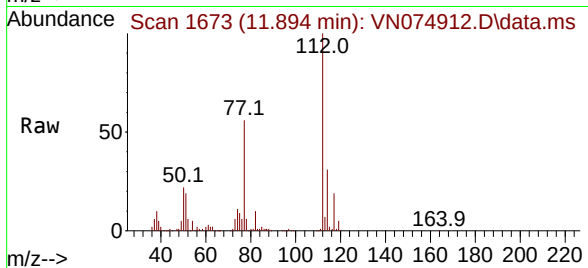
#65
Chlorobenzene
Concen: 18.840 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 35618
Ion Ratio Lower Upper
112 100
114 30.8 23.9 35.9

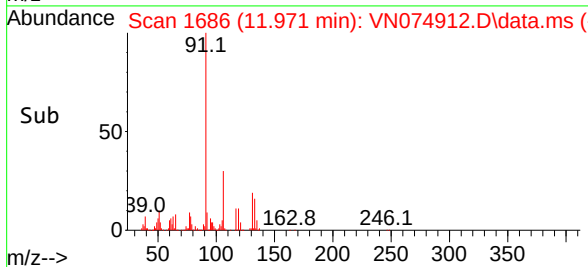
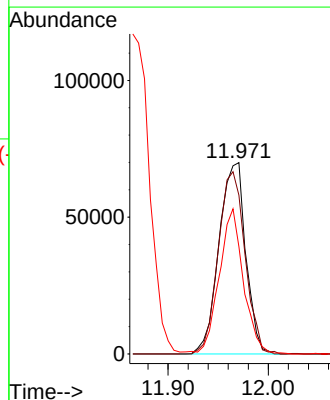
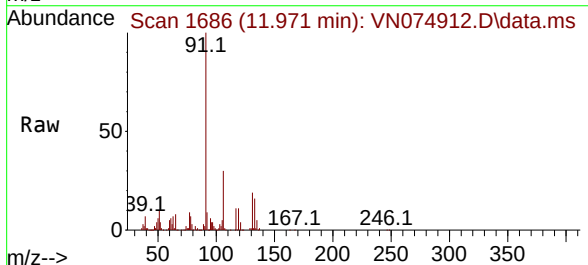
Manual Integrations
APPROVED

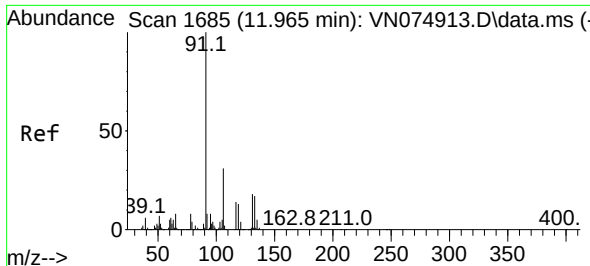
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.314 ug/l
RT: 11.971 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Tgt Ion:131 Resp: 129819
Ion Ratio Lower Upper
131 100
133 95.4 48.3 144.8
119 68.7 34.5 103.5





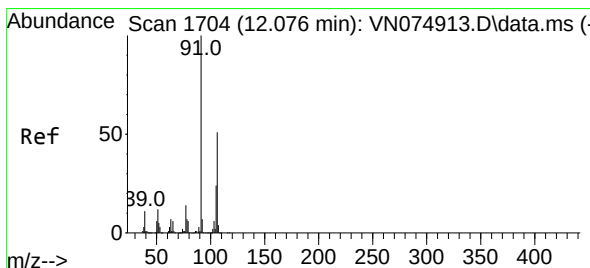
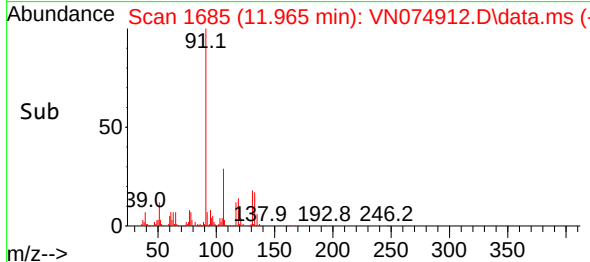
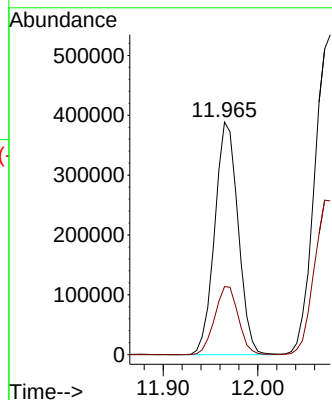
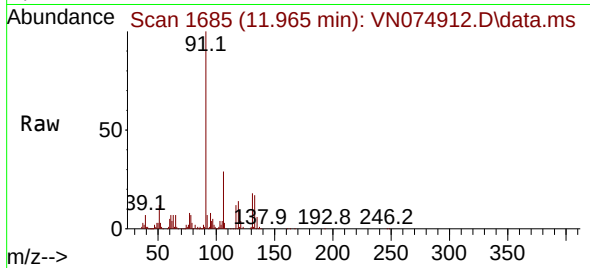
#67
Ethyl Benzene
Concen: 19.263 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 667704
Ion Ratio Lower Upper
91 100
106 29.3 25.8 38.8

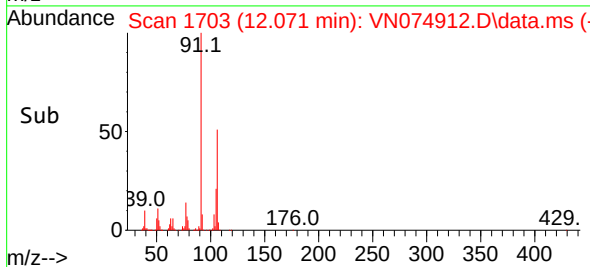
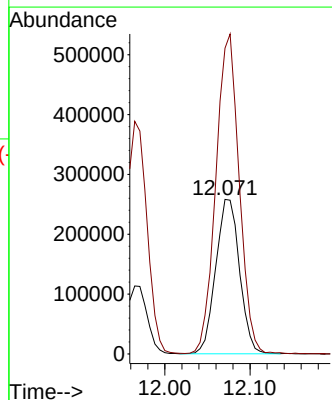
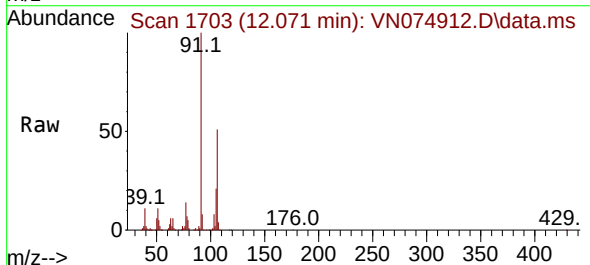
Manual Integrations
APPROVED

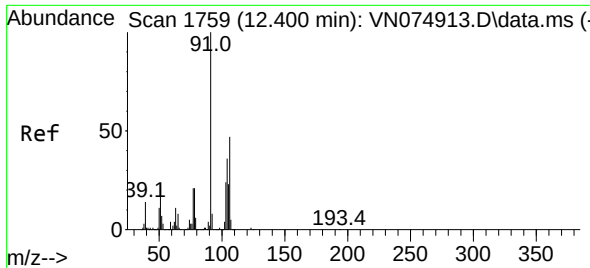
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#68
m/p-Xylenes
Concen: 38.831 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Tgt Ion:106 Resp: 501194
Ion Ratio Lower Upper
106 100
91 203.8 161.5 242.3





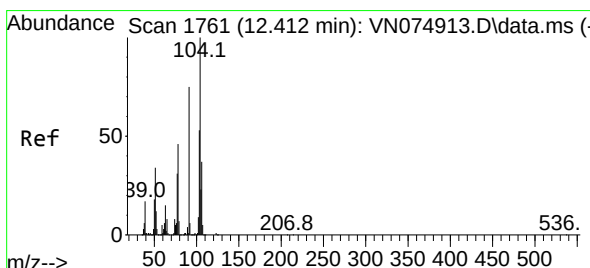
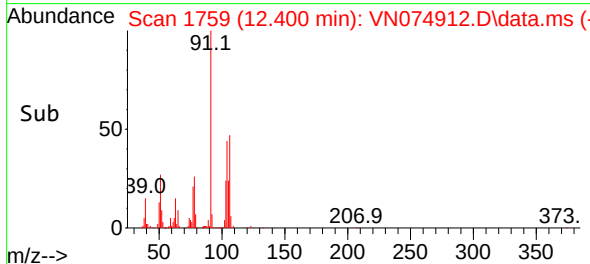
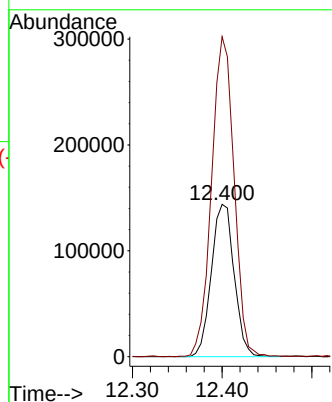
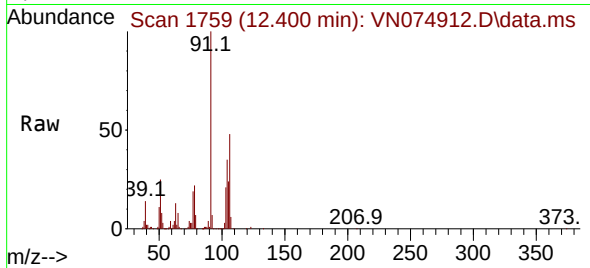
#69
o-Xylene
Concen: 19.232 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 25355
Ion Ratio Lower Upper
106 100
91 207.8 106.5 319.6

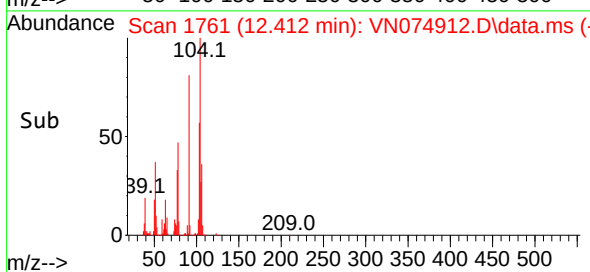
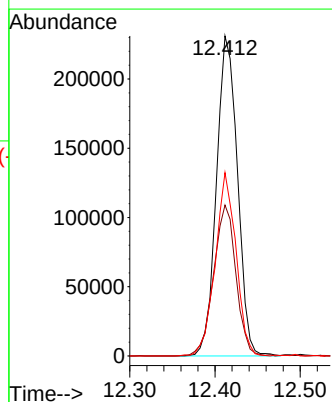
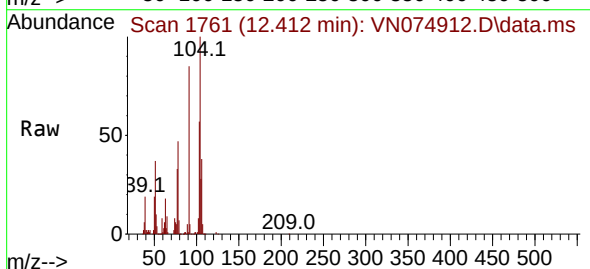
Manual Integrations
APPROVED

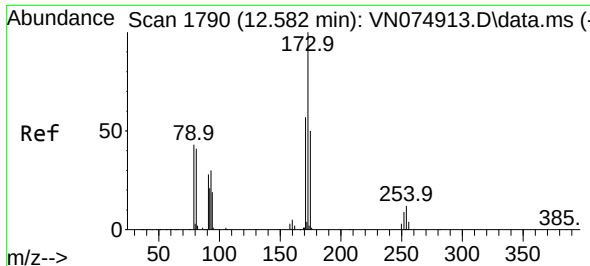
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#70
Styrene
Concen: 18.949 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Tgt Ion:104 Resp: 396245
Ion Ratio Lower Upper
104 100
78 50.0 38.8 58.2
103 56.6 43.4 65.0





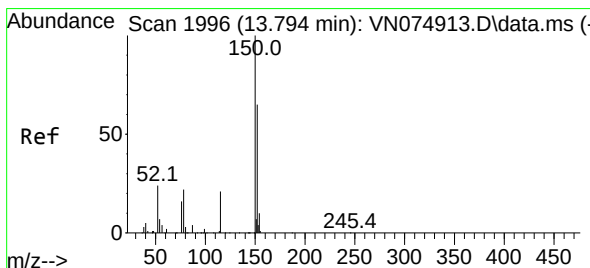
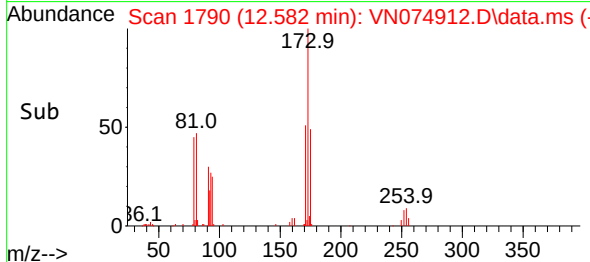
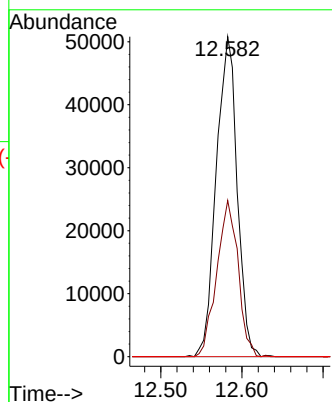
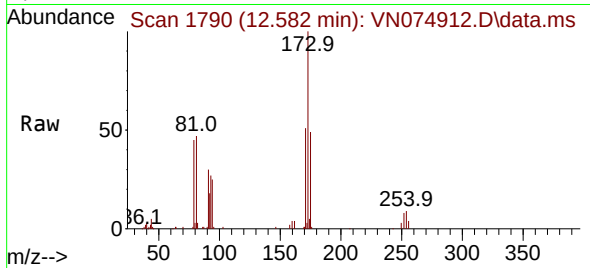
#71
Bromoform
Concen: 18.536 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 9100
Ion Ratio Lower Upper
173 100
175 49.7 25.2 75.6
254 0.0 0.0 0.0

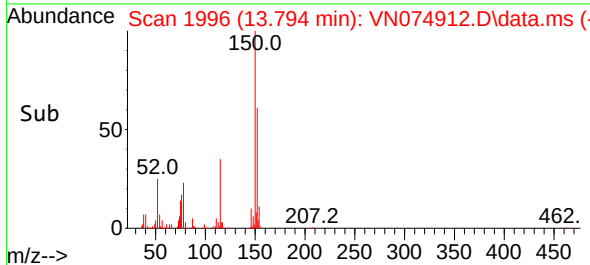
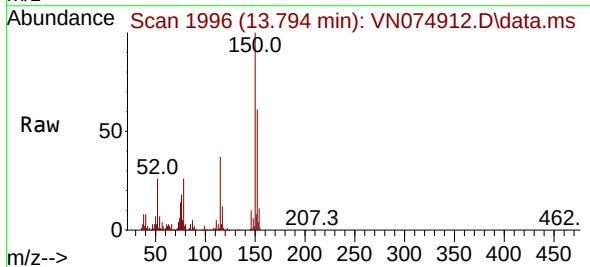
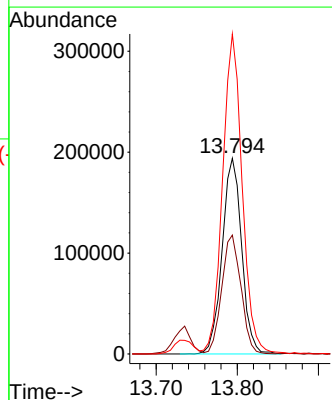
Manual Integrations
APPROVED

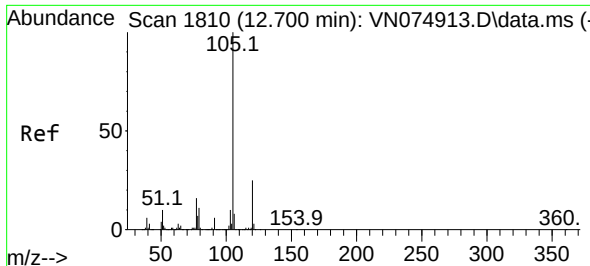
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

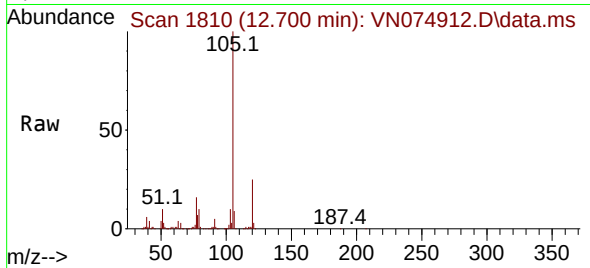
Tgt Ion:152 Resp: 324284
Ion Ratio Lower Upper
152 100
115 59.5 28.9 86.7
150 163.9 0.0 350.4





#73
Isopropylbenzene
Concen: 22.447 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

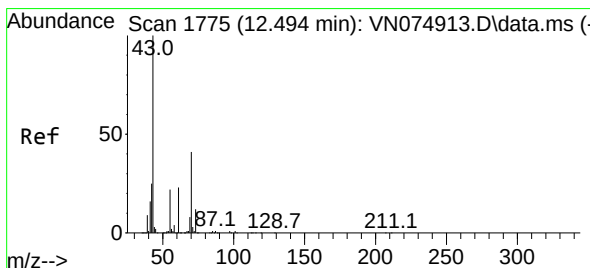
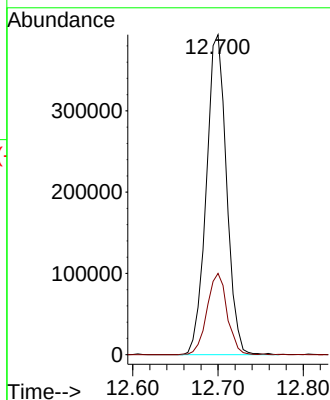
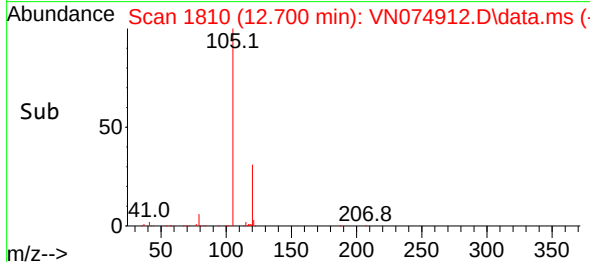
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:105 Resp: 64750
Ion Ratio Lower Upper
105 100
120 25.3 13.0 39.0

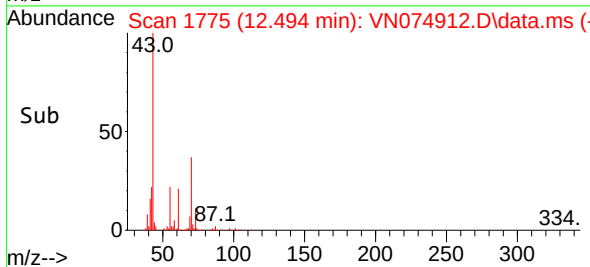
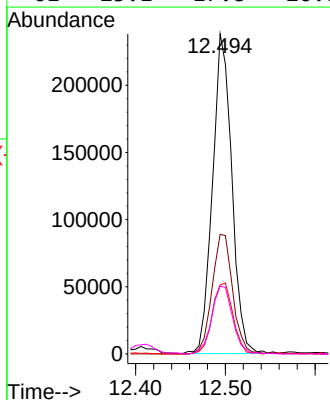
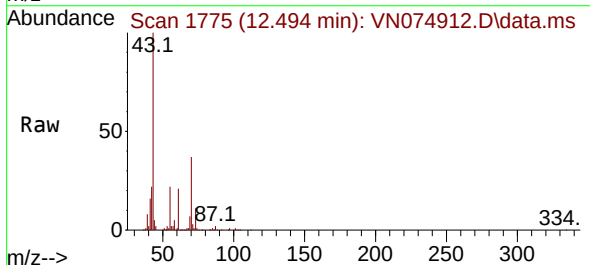
Manual Integrations
APPROVED

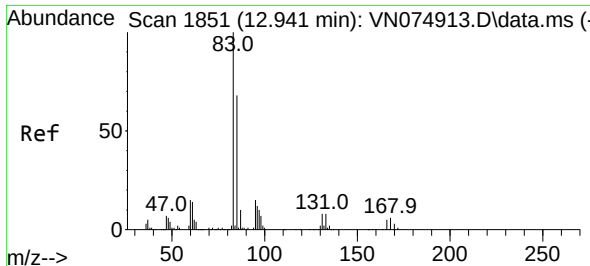
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#74
N-ethyl acetate
Concen: 22.688 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

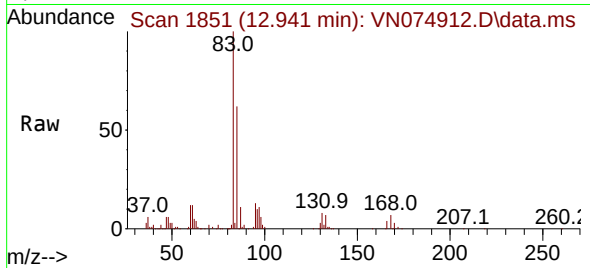
Tgt Ion: 43 Resp: 355283
Ion Ratio Lower Upper
43 100
70 40.0 31.5 47.3
55 23.8 18.2 27.4
61 23.1 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 20.879 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

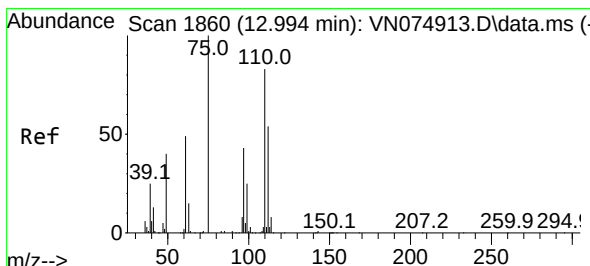
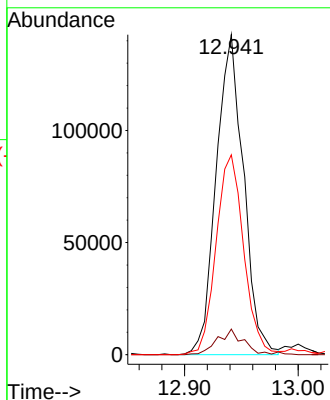
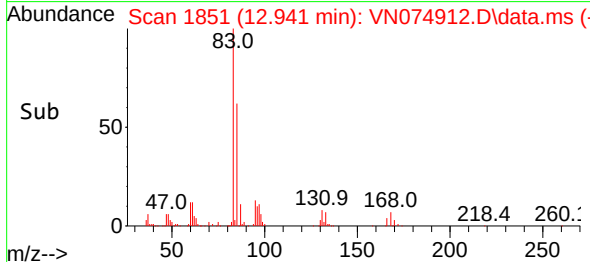
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



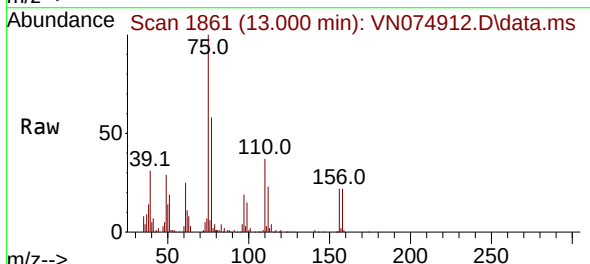
Tgt Ion: 83 Resp: 238560
Ion Ratio Lower Upper
83 100
131 7.7 4.5 13.5
85 63.0 32.5 97.5

Manual Integrations
APPROVED

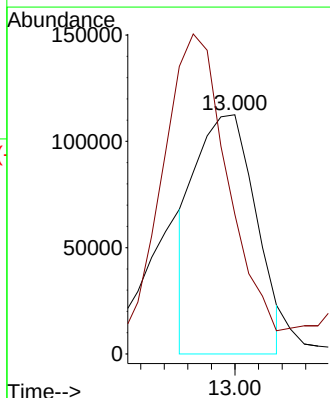
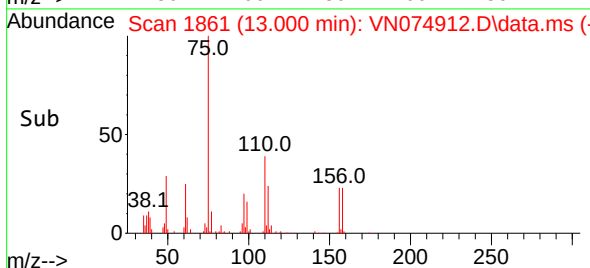
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

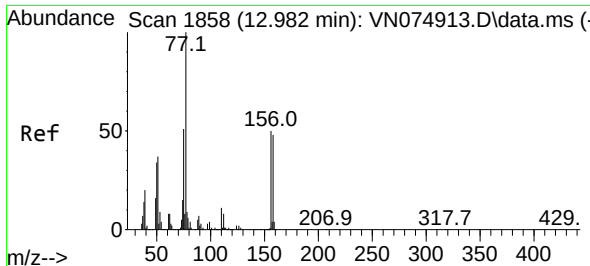


#76
1,2,3-Trichloropropane
Concen: 21.055 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36



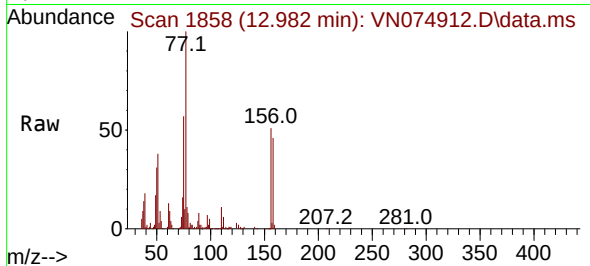
Tgt Ion: 75 Resp: 201007
Ion Ratio Lower Upper
75 100
77 152.7 77.8 233.4





#77
Bromobenzene
Concen: 19.944 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

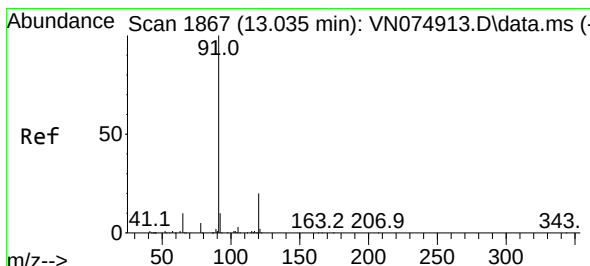
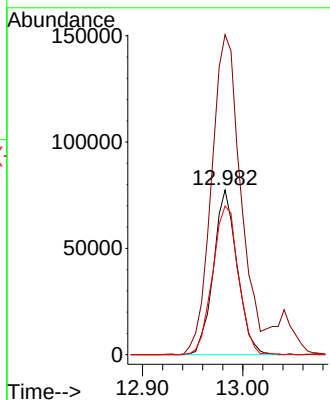
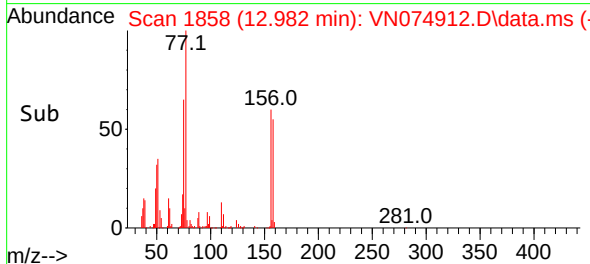
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



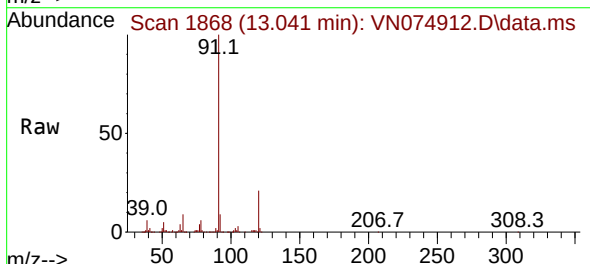
Tgt Ion:156 Resp: 127424
Ion Ratio Lower Upper
156 100
77 240.9 116.3 348.9
158 98.3 47.9 143.7

Manual Integrations
APPROVED

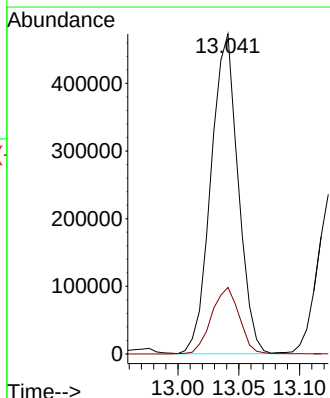
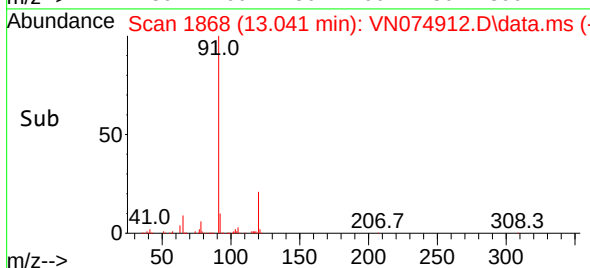
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

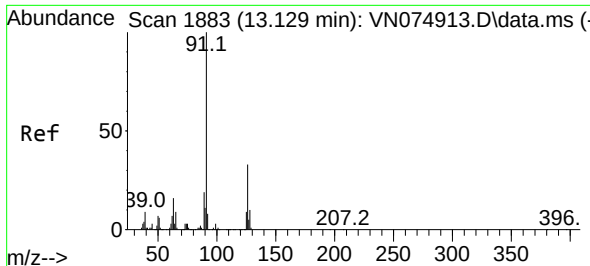


#78
n-propylbenzene
Concen: 22.336 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36



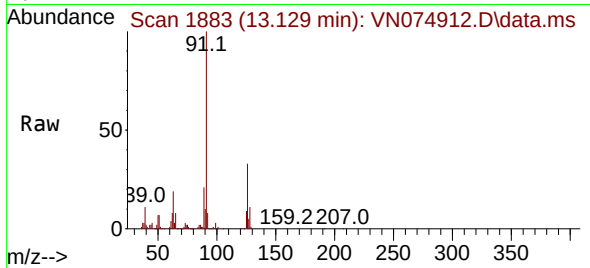
Tgt Ion: 91 Resp: 735533
Ion Ratio Lower Upper
91 100
120 21.3 10.9 32.9





#79
2-Chlorotoluene
Concen: 21.515 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

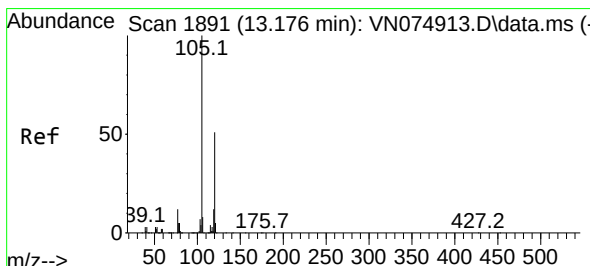
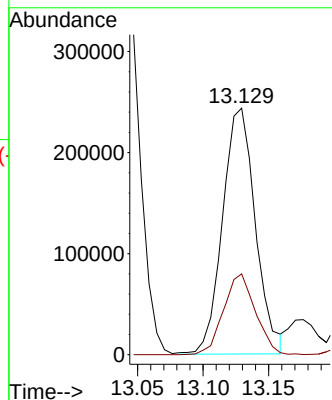
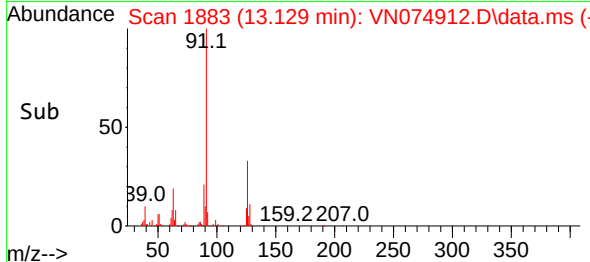
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



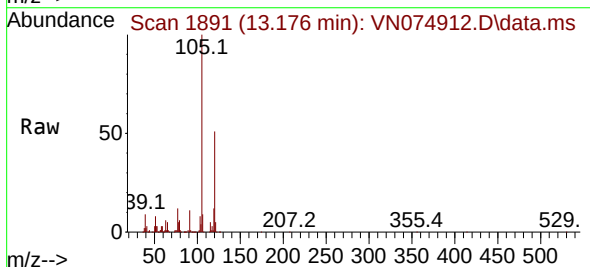
Tgt Ion: 91 Resp: 42361
Ion Ratio Lower Upper
91 100
126 31.9 15.8 47.3

Manual Integrations
APPROVED

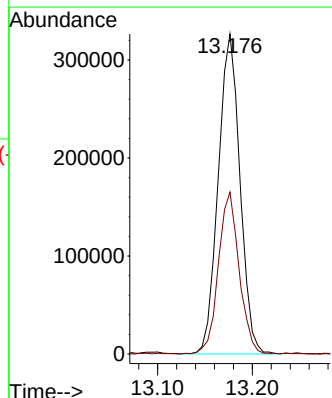
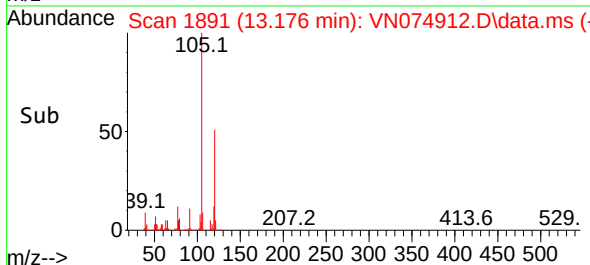
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

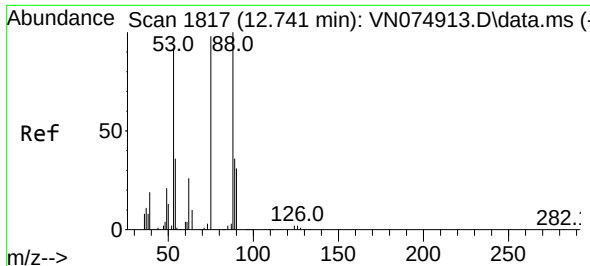


#80
1,3,5-Trimethylbenzene
Concen: 22.223 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36



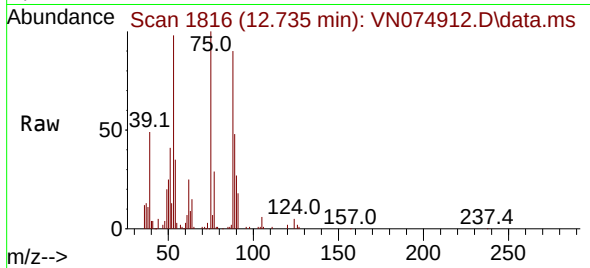
Tgt Ion:105 Resp: 521100
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.8





#81
trans-1,4-Dichloro-2-butene
Concen: 22.224 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

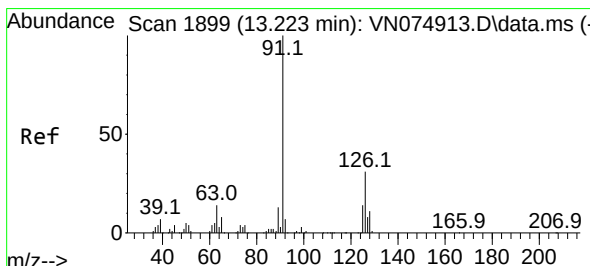
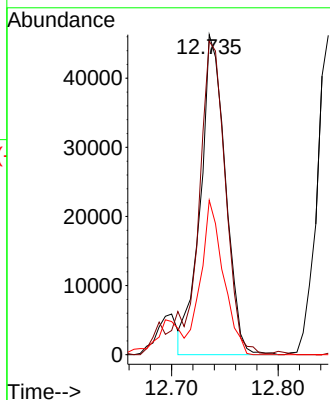
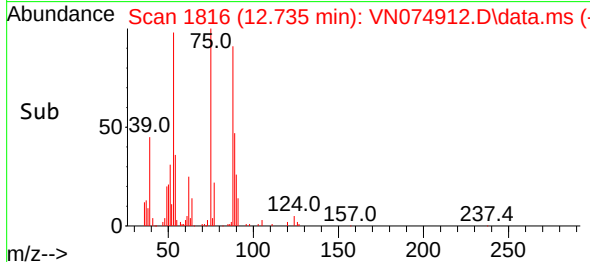
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 75800
Ion Ratio Lower Upper
75 100
53 110.0 87.0 130.4
89 43.5 32.5 48.7

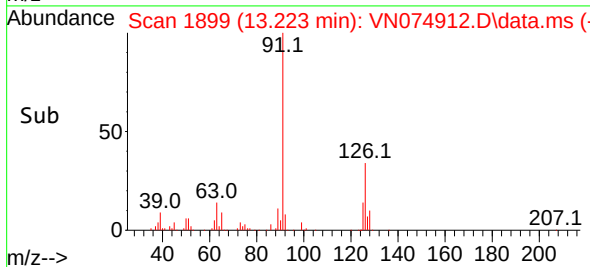
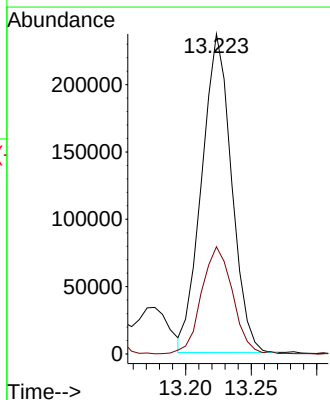
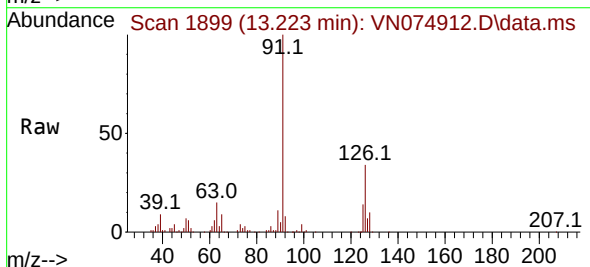
Manual Integrations
APPROVED

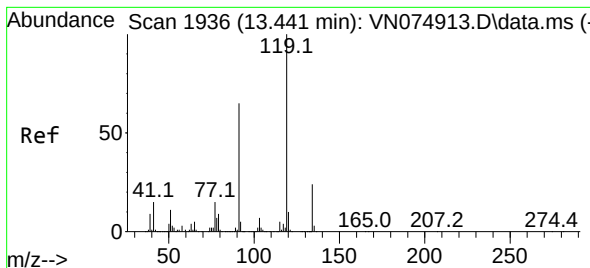
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#82
4-Chlorotoluene
Concen: 20.330 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

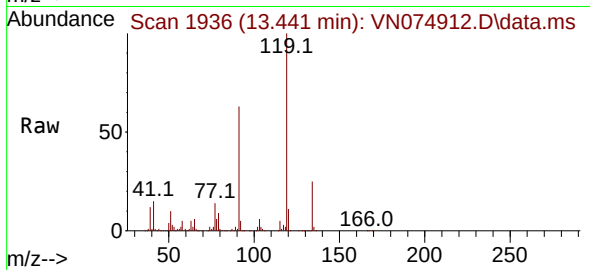
Tgt Ion: 91 Resp: 374347
Ion Ratio Lower Upper
91 100
126 35.2 16.7 50.1





#83
 tert-Butylbenzene
 Concen: 22.969 ug/l
 RT: 13.441 min Scan# 1936
 Delta R.T. 0.000 min
 Lab File: VN074912.D
 Acq: 17 Oct 2022 12:36

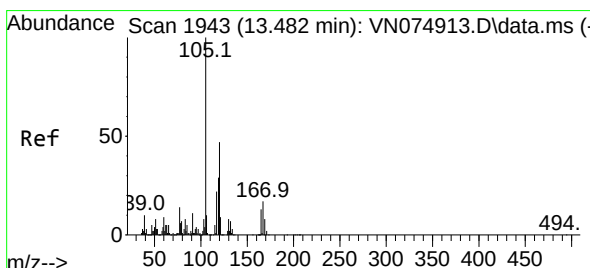
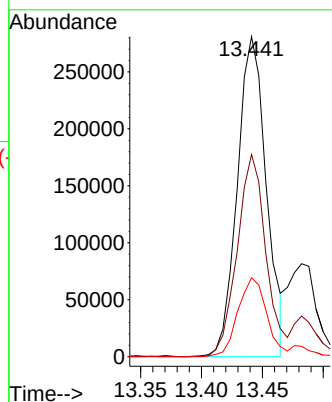
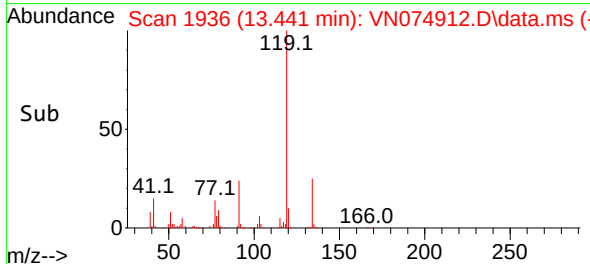
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



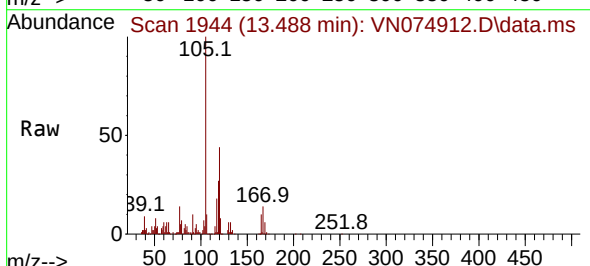
Tgt Ion:119 Resp: 465411
 Ion Ratio Lower Upper
 119 100
 91 62.9 32.9 98.7
 134 24.4 13.5 40.4

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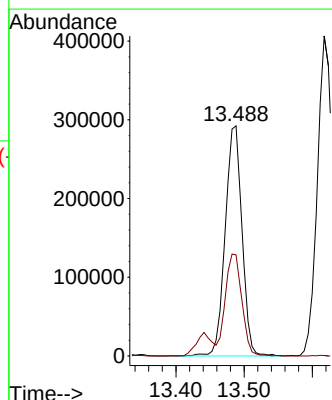
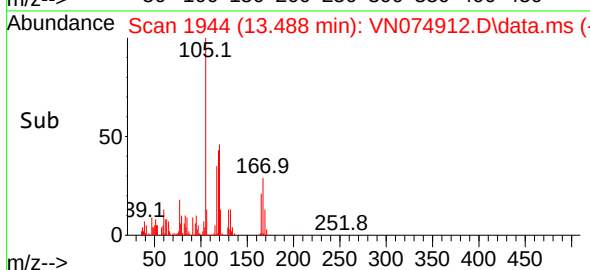
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022

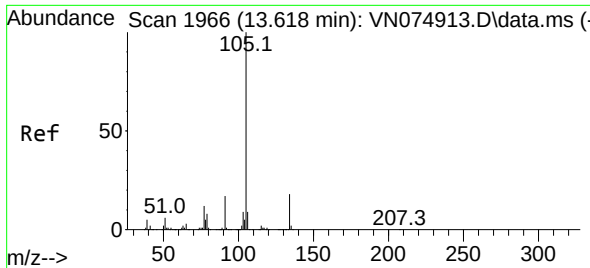


#84
 1,2,4-Trimethylbenzene
 Concen: 21.783 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VN074912.D
 Acq: 17 Oct 2022 12:36



Tgt Ion:105 Resp: 501846
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.1 66.3





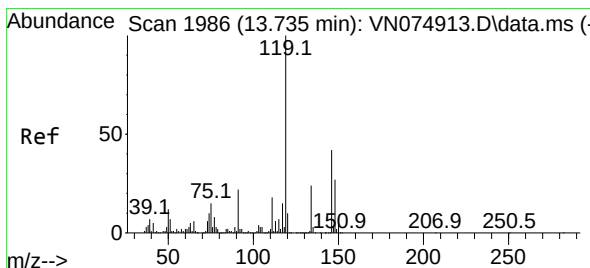
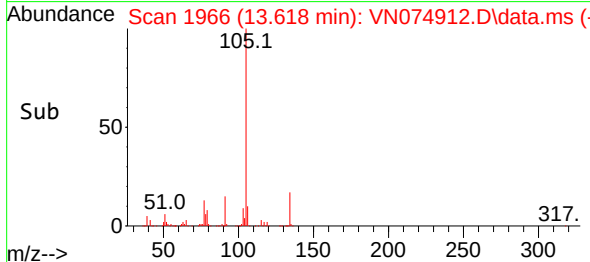
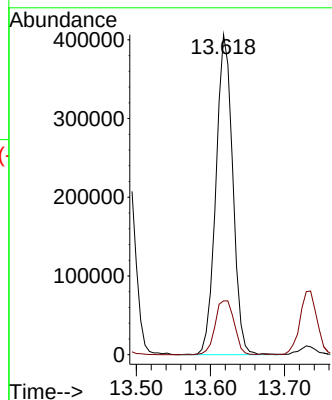
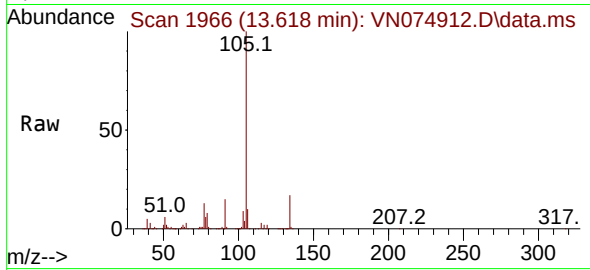
#85
 sec-Butylbenzene
 Concen: 21.920 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074912.D
 Acq: 17 Oct 2022 12:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 64044
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 28.9

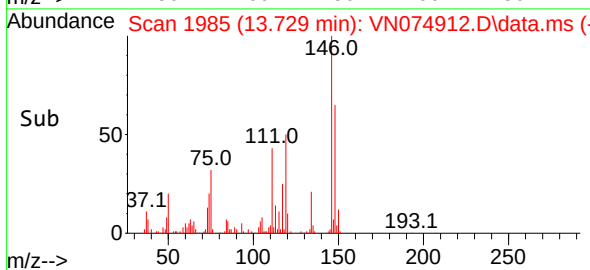
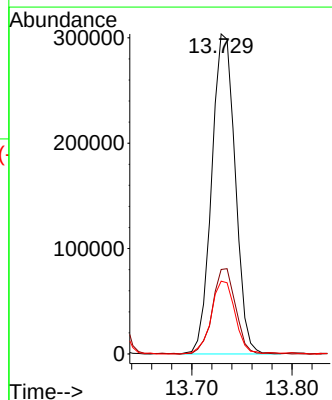
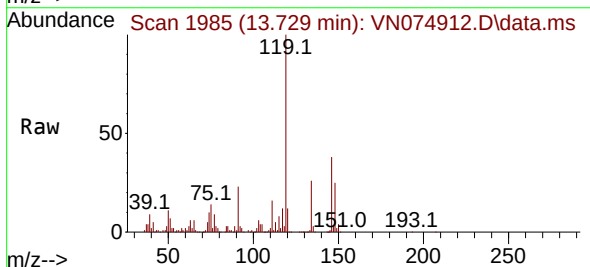
Manual Integrations
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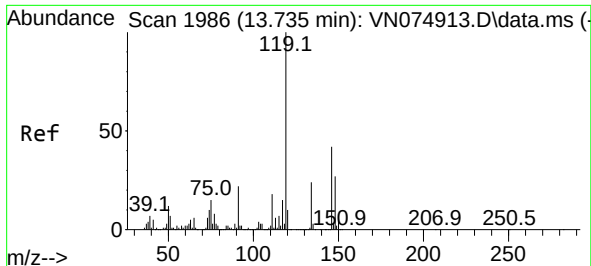
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#86
 p-Isopropyltoluene
 Concen: 21.314 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN074912.D
 Acq: 17 Oct 2022 12:36

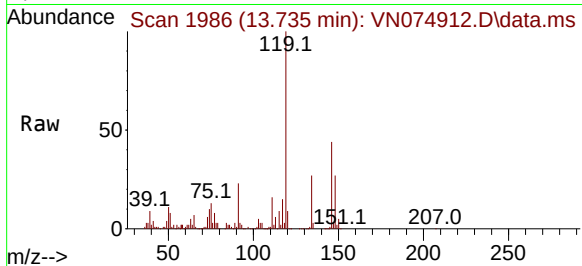
Tgt Ion:119 Resp: 494887
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.7 38.1
 91 23.3 11.5 34.5





#87
 1,3-Dichlorobenzene
 Concen: 18.480 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN074912.D
 Acq: 17 Oct 2022 12:36

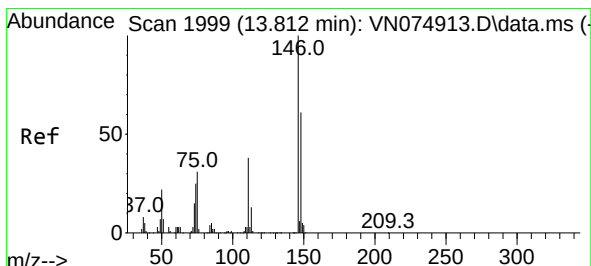
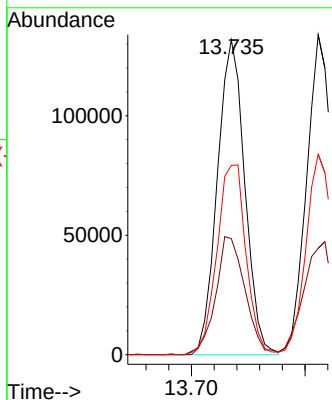
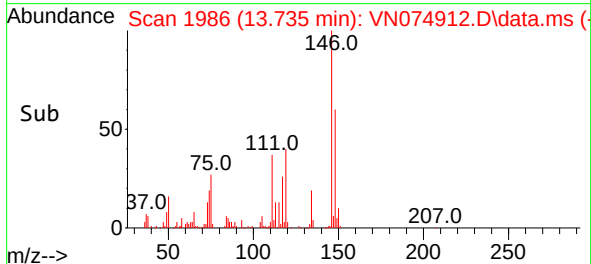
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion:146 Resp: 221504
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.9 59.7
 148 64.0 31.4 94.3

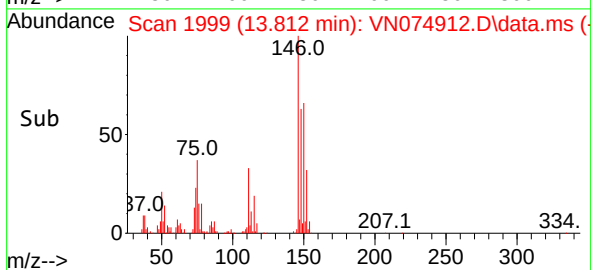
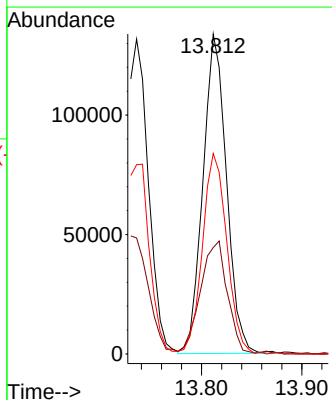
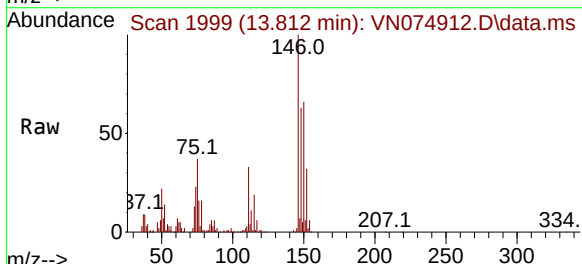
Manual Integrations
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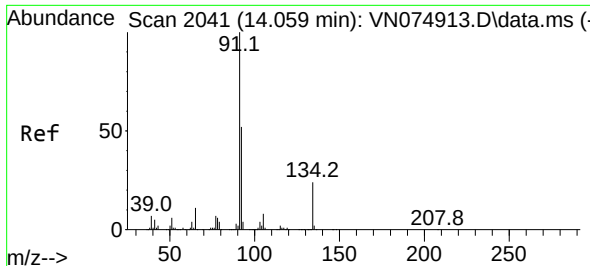
Reviewed By :John Carlone 10/18/2022
 Supervised By :Mahesh Dadoda 10/18/2022



#88
 1,4-Dichlorobenzene
 Concen: 18.475 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN074912.D
 Acq: 17 Oct 2022 12:36

Tgt Ion:146 Resp: 218493
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.2 60.6
 148 64.5 31.8 95.3





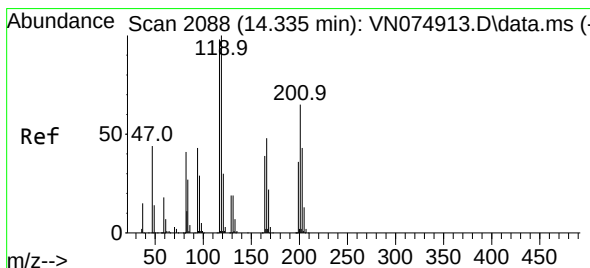
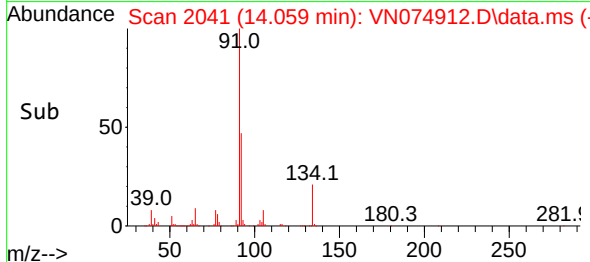
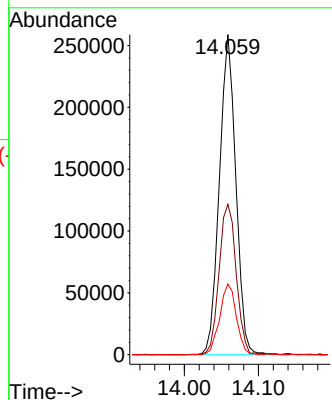
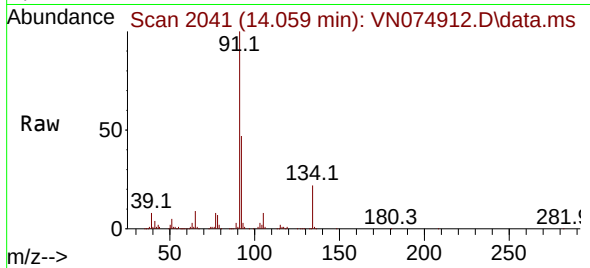
#89
n-Butylbenzene
Concen: 20.135 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 39838
Ion Ratio Lower Upper
91 100
92 49.2 25.9 77.8
134 22.3 11.6 34.7

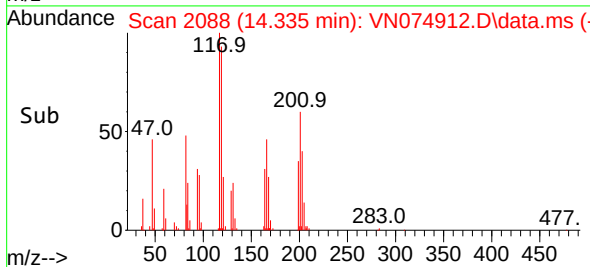
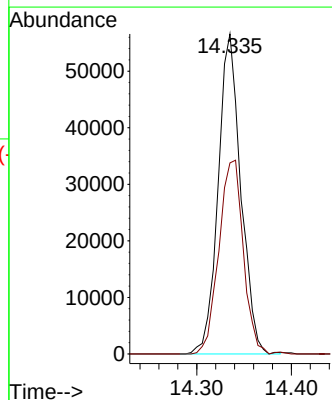
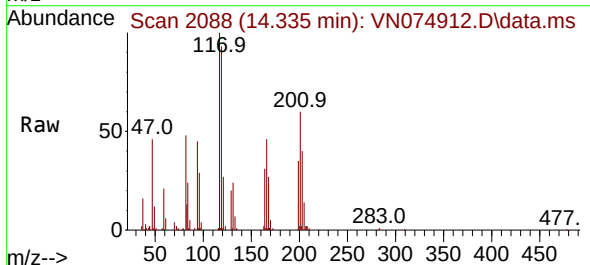
Manual Integrations
APPROVED

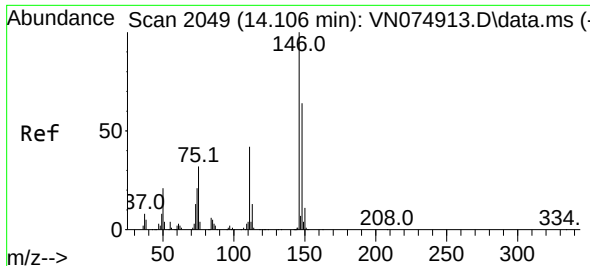
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#90
Hexachloroethane
Concen: 18.898 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Tgt Ion:117 Resp: 94207
Ion Ratio Lower Upper
117 100
201 65.0 33.4 100.1





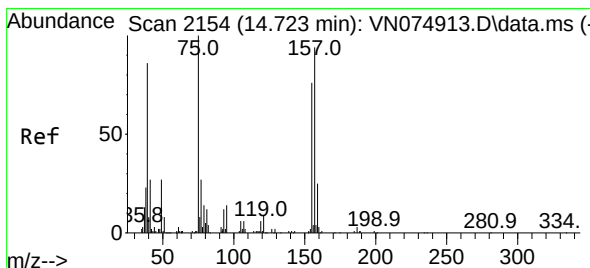
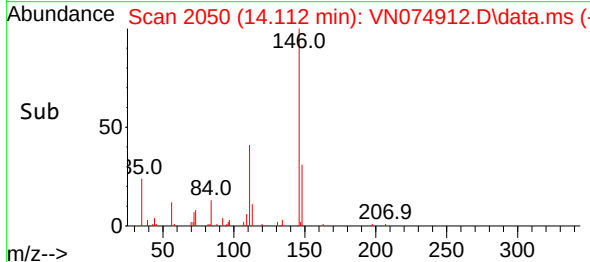
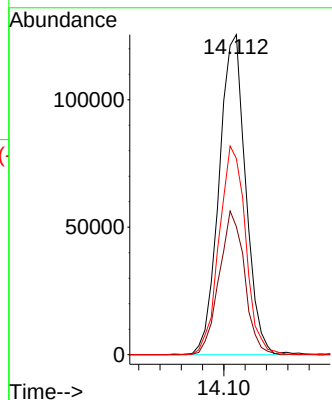
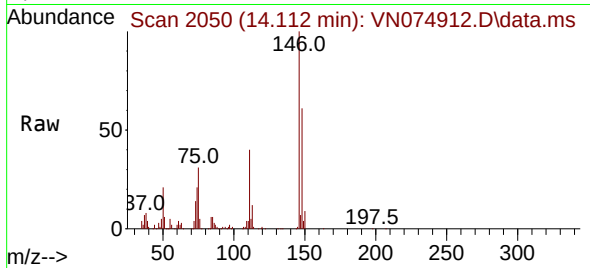
#91
1,2-Dichlorobenzene
Concen: 17.423 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 216628
Ion Ratio Lower Upper
146 100
111 42.9 20.5 61.5
148 65.3 31.3 93.8

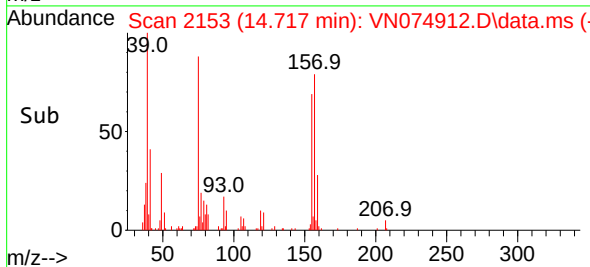
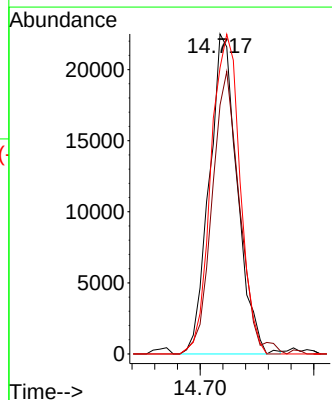
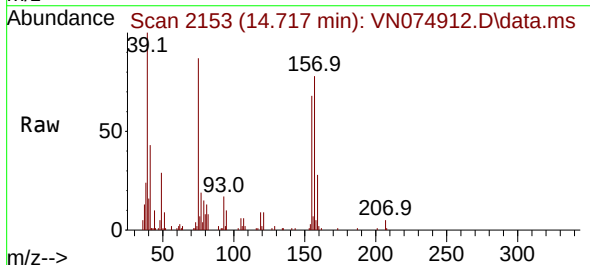
Manual Integrations
APPROVED

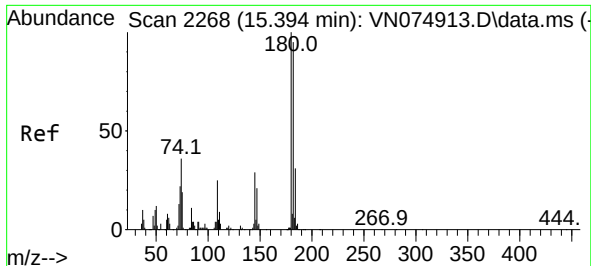
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.188 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

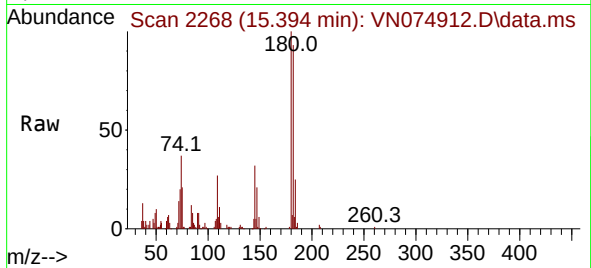
Tgt Ion: 75 Resp: 38549
Ion Ratio Lower Upper
75 100
155 86.8 39.4 118.1
157 103.2 52.5 157.6





#93
1,2,4-Trichlorobenzene
Concen: 18.672 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

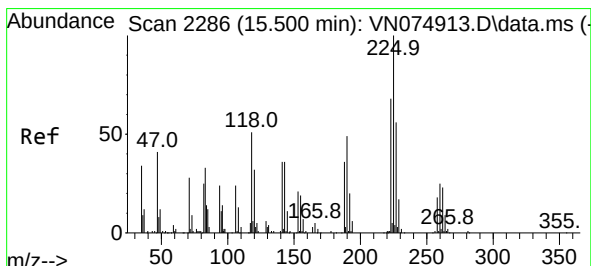
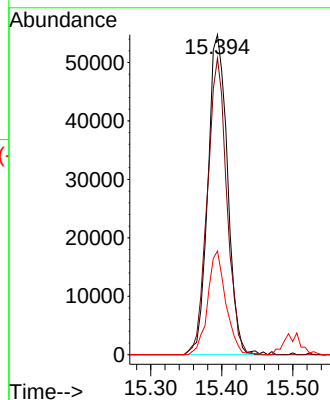
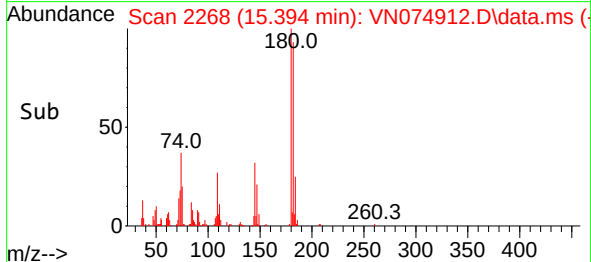
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:180 Resp: 105000
Ion Ratio Lower Upper
180 100
182 91.8 45.8 137.4
145 30.2 14.7 44.1

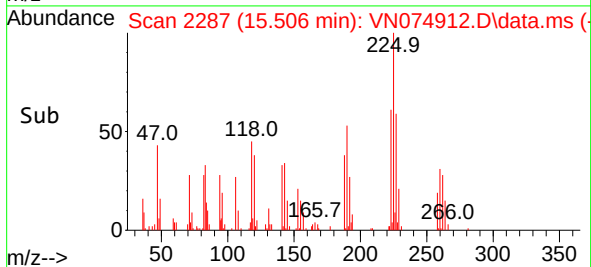
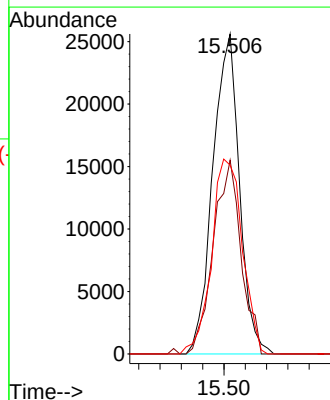
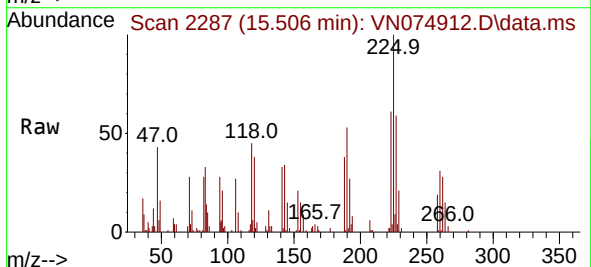
Manual Integrations
APPROVED

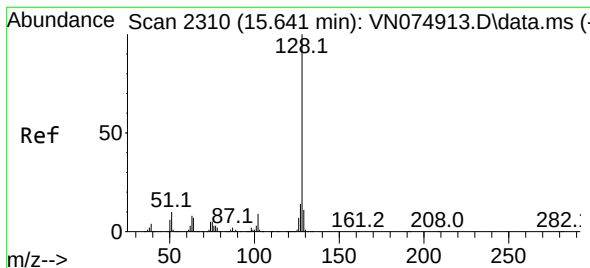
Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022



#94
Hexachlorobutadiene
Concen: 16.413 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

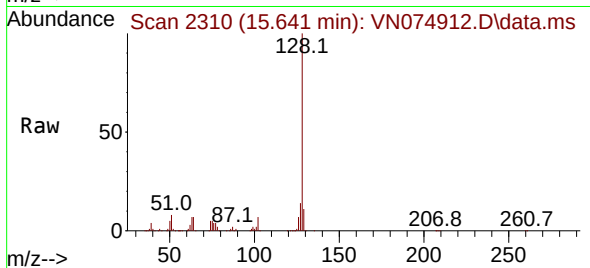
Tgt Ion:225 Resp: 44328
Ion Ratio Lower Upper
225 100
223 63.1 30.1 90.5
227 70.3 31.4 94.0





#95
Naphthalene
Concen: 21.576 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36

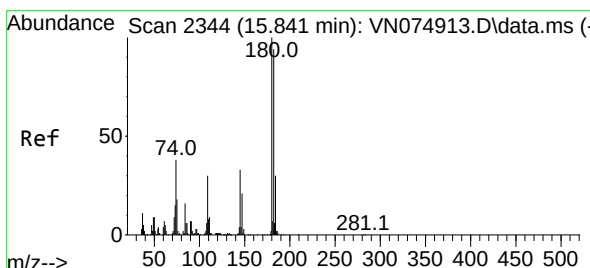
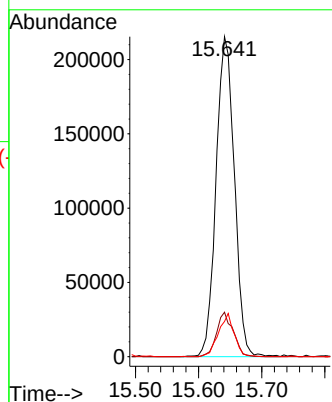
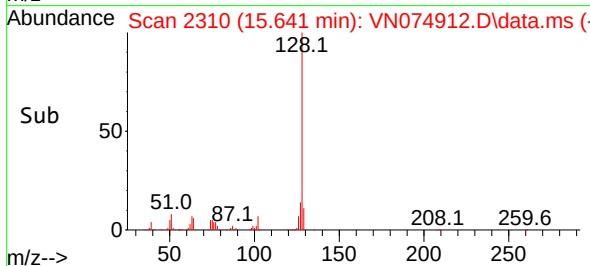
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



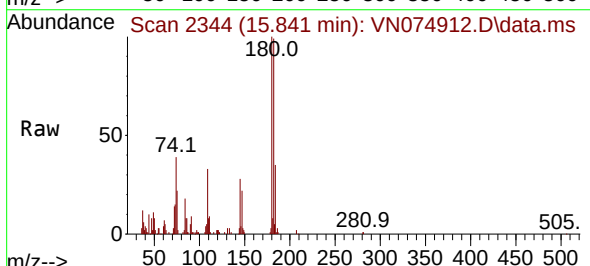
Tgt Ion:128 Resp: 434389
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 11.6 8.3 12.5

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.155 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN074912.D
Acq: 17 Oct 2022 12:36



Tgt Ion:180 Resp: 102038
Ion Ratio Lower Upper
180 100
182 101.4 48.0 144.0
145 33.4 15.7 47.0

