

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101222\
 Data File : VN074870.D
 Acq On : 12 Oct 2022 11:26
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Quant Time: Oct 13 07:16:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:11:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/13/2022
 Supervised By : Mahesh Dadoda 10/14/2022

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

Internal Standards						
1) Bromochloromethane	7.830	128	83186	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	464580	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	434471	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	242427	31.128	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.767%			
60) 4-Bromofluorobenzene	12.853	95	242612	31.488	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 104.967%			
63) Toluene-d8	10.571	98	752318	30.002	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.000%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.148	85	218437	47.287	ug/l	98
3) Chloromethane	2.383	50	365743	48.956	ug/l	100
4) Vinyl Chloride	2.530	62	553212	50.286	ug/l	99
5) Bromomethane	2.942	94	435921	49.977	ug/l	96
6) Chloroethane	3.112	64	393084	44.840	ug/l	93
7) Trichlorofluoromethane	3.501	101	393402	47.968	ug/l	95
8) Diethyl Ether	3.983	74	185028	48.363	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.383	101	255723	49.567	ug/l	97
10) 1,1-Dichloroethene	4.359	96	243128	47.747	ug/l #	94
11) Methyl Iodide	4.606	142	304880	48.162	ug/l	92
12) Methyl Acetate	5.047	43	583094	47.652	ug/l	97
13) Acrolein	4.200	56	420867	243.429	ug/l	97
14) Acrylonitrile	5.742	53	1149245	251.822	ug/l	99
15) Acetone	4.453	58	302062	241.155	ug/l	98
16) Carbon Disulfide	4.730	76	637167	48.884	ug/l	98
17) Allyl chloride	5.036	41	469863	45.459	ug/l	93
18) Methylene Chloride	5.295	84	319642	48.602	ug/l	90
19) trans-1,2-Dichloroethene	5.800	96	277986	49.882	ug/l	97
20) Diisopropyl ether	6.694	45	1160409	49.180	ug/l	94
21) 1,1-Dichloroethane	6.583	63	584769	48.729	ug/l	98
22) cis-1,2-Dichloroethene	7.500	96	348444	49.931	ug/l	100
23) tert-Butyl Alcohol	5.559	59	476401m	249.022	ug/l	
24) Methyl tert-Butyl Ether	5.818	73	1037136	48.916	ug/l	99
25) Chloroform	7.977	83	590221	49.513	ug/l	95
26) Cyclohexane	8.265	56	526471	49.928	ug/l #	98
29) 1,1-Dichloropropene	8.383	75	424629	50.656	ug/l	96
30) 2-Butanone	7.500	43	1685744	252.045	ug/l	100
31) 2,2-Dichloropropane	7.506	77	506584	49.426	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	506736	50.409	ug/l	97
33) Carbon Tetrachloride	8.371	117	418932	50.666	ug/l	97
34) Benzene	8.612	78	1387892	50.089	ug/l #	88
35) Methacrylonitrile	7.794	41	336841	49.004	ug/l	94
36) 1,2-Dichloroethane	8.677	62	471783	51.129	ug/l	100
37) Trichloroethene	9.359	130	291001	50.499	ug/l	83
38) Methylcyclohexane	9.606	83	526312	51.683	ug/l	99
39) 1,2-Dichloropropane	9.624	63	363899	50.661	ug/l	99
40) Dibromomethane	9.712	93	234363	49.237	ug/l	97
41) Bromodichloromethane	9.894	83	467566	50.439	ug/l #	98
42) Vinyl Acetate	6.624	43	4706340	240.924	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.577	43	659926	50.295	ug/l	93
44) Isopropyl Acetate	8.694	43	1018518	50.650	ug/l	97
45) 1,4-Dioxane	9.700	88	199825	1083.688	ug/l	97
46) Methyl methacrylate	9.682	41	445247	51.125	ug/l	91
47) n-amyl Acetate	12.494	43	914043	51.950	ug/l	98
48) t-1,3-Dichloropropene	10.841	75	547500	51.308	ug/l	99
49) cis-1,3-Dichloropropene	10.318	75	569032	50.455	ug/l	92
50) 1,1,2-Trichloroethane	11.018	97	341220	48.715	ug/l	97
51) Ethyl methacrylate	10.877	69	602731	50.603	ug/l	94
52) 1,3-Dichloropropane	11.165	76	610419	50.489	ug/l	99
53) Dibromochloromethane	11.365	129	354207	51.615	ug/l	95
54) 1,2-Dibromoethane	11.471	107	352875	52.435	ug/l	96
55) 2-Chloroethyl vinyl ether	10.165	63	1162738	249.566	ug/l	98
56) Bromoform	12.576	173	257233	52.016	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	3455246	255.715	ug/l	98
59) 2-Hexanone	11.200	43	2686171	258.312	ug/l	98
61) Tetrachloroethene	11.106	164	231292	49.935	ug/l	96
62) Toluene	10.635	91	1503924	50.103	ug/l	99
64) Chlorobenzene	11.894	112	865915	50.752	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	322840	50.237	ug/l	99
66) Ethyl Benzene	11.965	91	1708189	52.334	ug/l	98
67) m/p-Xylenes	12.076	106	1290722	105.261	ug/l	98
68) o-Xylene	12.400	106	644725	51.726	ug/l	98
69) Styrene	12.412	104	1073247	52.609	ug/l	99
70) Isopropylbenzene	12.700	105	1689347	52.552	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	606472	50.434	ug/l	95
72) 1,2,3-Trichloropropane	12.994	75	539411m	55.157	ug/l	
73) Bromobenzene	12.982	156	351201	52.135	ug/l	94
74) n-propylbenzene	13.035	91	2013527	53.722	ug/l	98
75) 2-Chlorotoluene	13.129	91	1157439	52.788	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	1407163	53.867	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	215908	51.440	ug/l	91
78) 4-Chlorotoluene	13.223	91	1113899	51.607	ug/l	99
79) tert-butylbenzene	13.441	119	1220568	52.526	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	1415345	53.847	ug/l	99
81) sec-Butylbenzene	13.618	105	1806365	54.088	ug/l	99
82) p-Isopropyltoluene	13.729	119	1449957	54.642	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	702063	53.411	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	678744	53.760	ug/l	99
85) n-Butylbenzene	14.059	91	1266549	54.073	ug/l	99
86) Hexachloroethane	14.335	117	278835	53.655	ug/l	96
87) 1,2-Dichlorobenzene	14.106	146	707237	54.190	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.717	75	126836	52.261	ug/l	97
89) 1,2,4-Trichlorobenzene	15.394	180	314417	52.750	ug/l	99
90) Hexachlorobutadiene	15.506	225	147381	50.713	ug/l	99
91) Naphthalene	15.641	128	1295001	54.754	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	318027	51.004	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

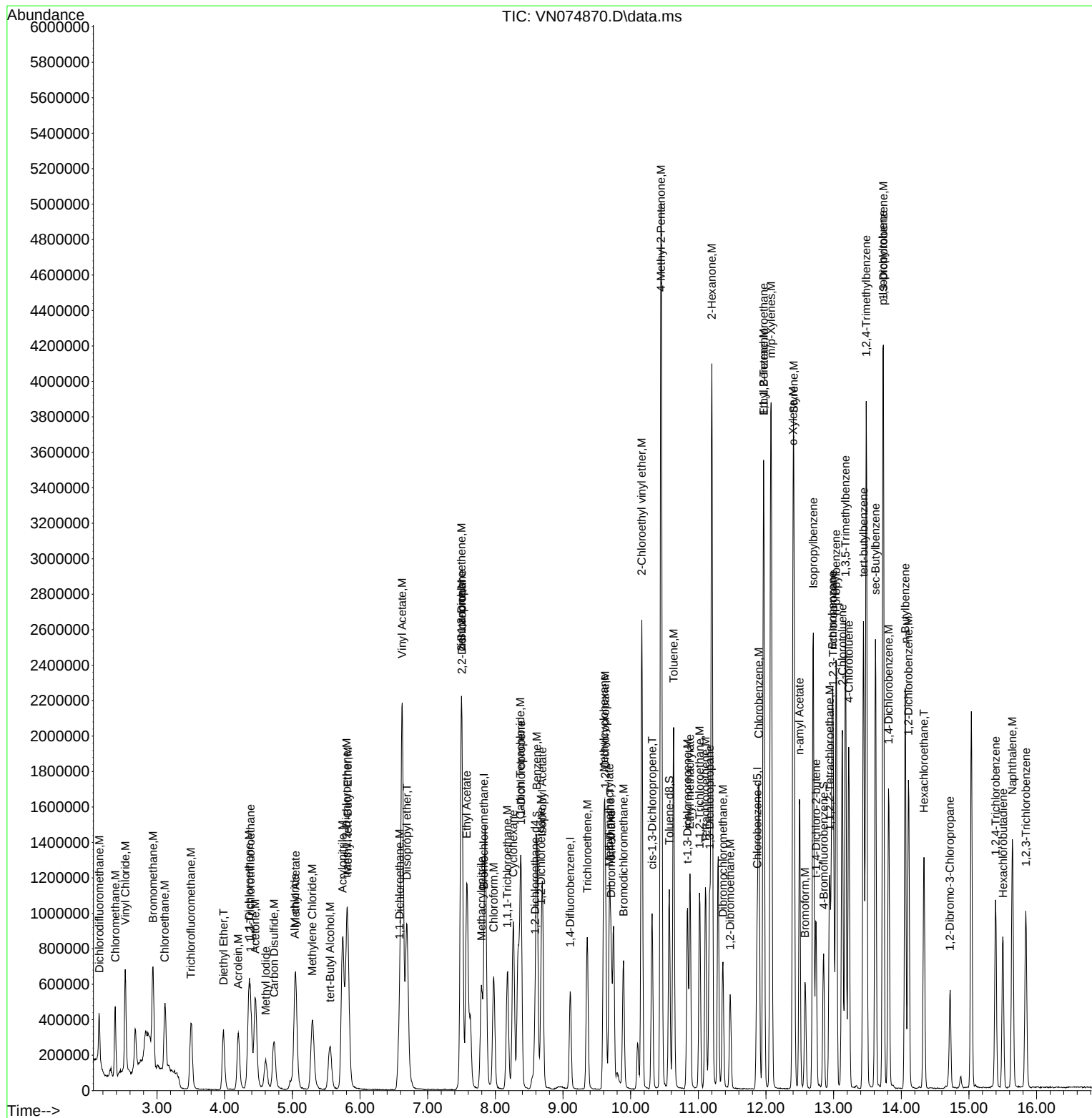
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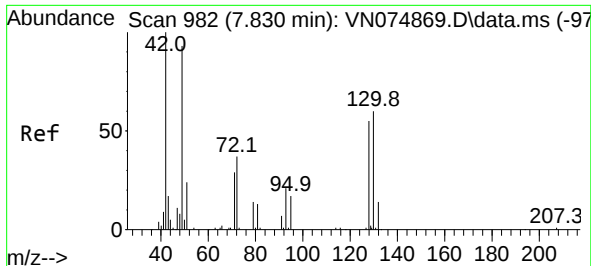
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ClientSampleId :
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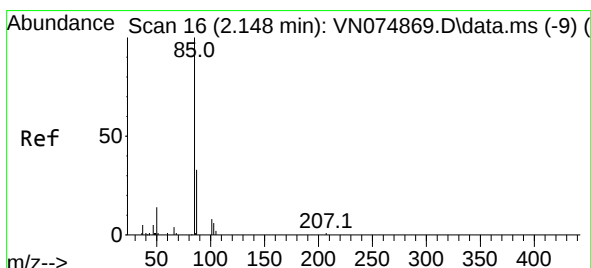
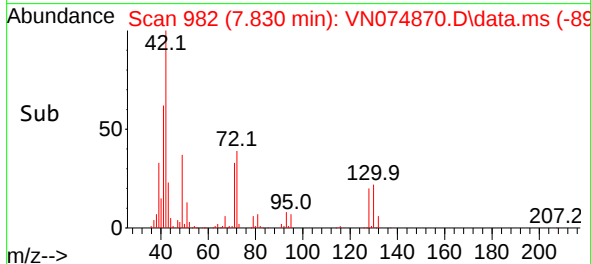
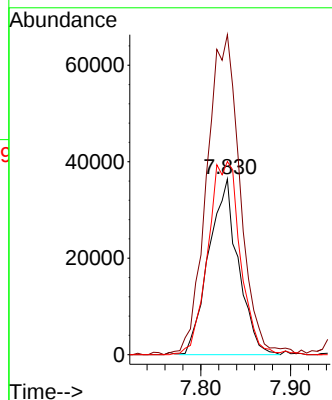
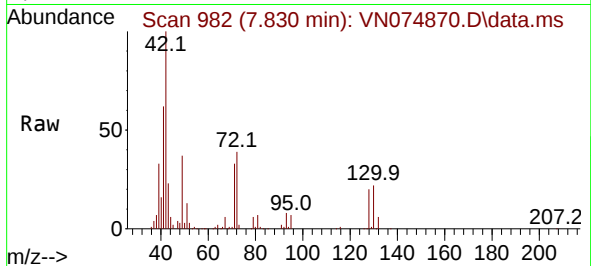
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.830 min Scan# 982
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

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ClientSampleId :
VSTDICC050

Tgt Ion:128 Resp: 83180
Ion Ratio Lower Upper
128 100
49 198.0 0.0 492.0
130 61.5 0.0 313.3

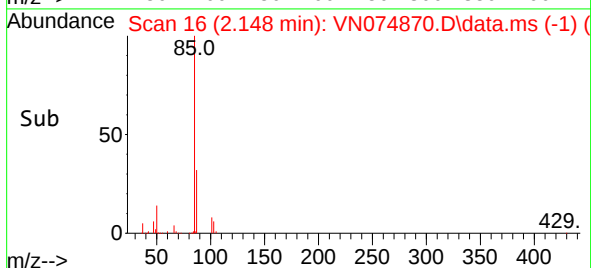
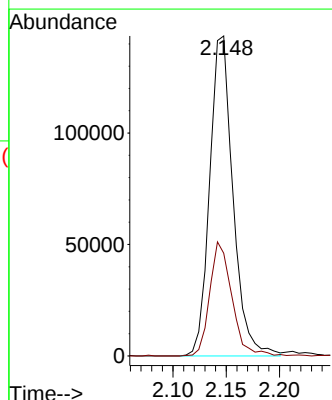
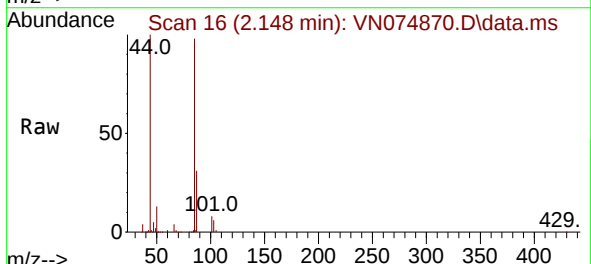
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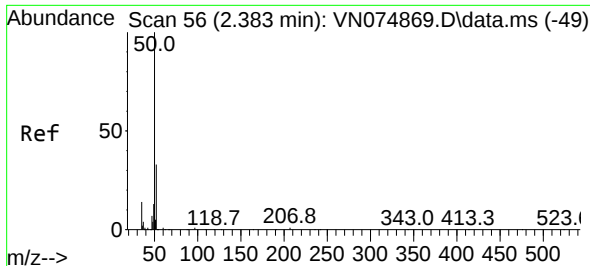
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#2
Dichlorodifluoromethane
Concen: 47.287 ug/l
RT: 2.148 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

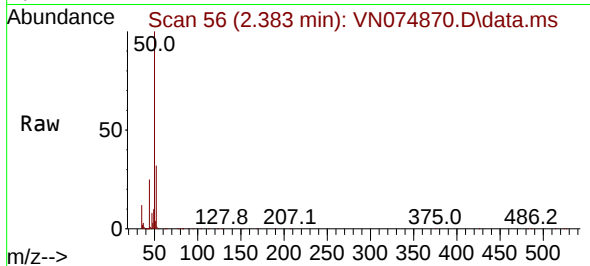
Tgt Ion: 85 Resp: 218437
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.1





#3
Chloromethane
Concen: 48.956 ug/l
RT: 2.383 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

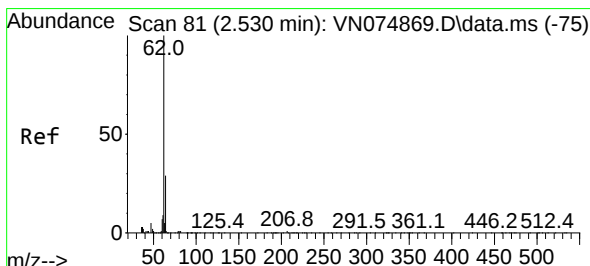
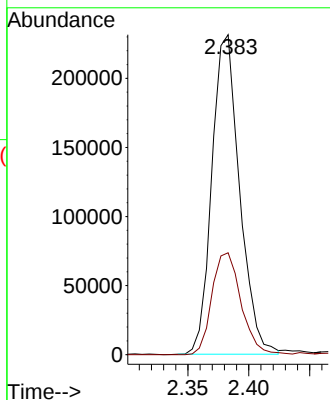
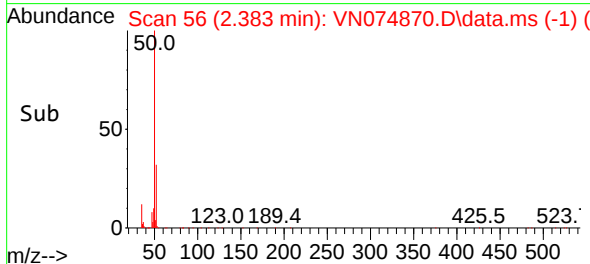
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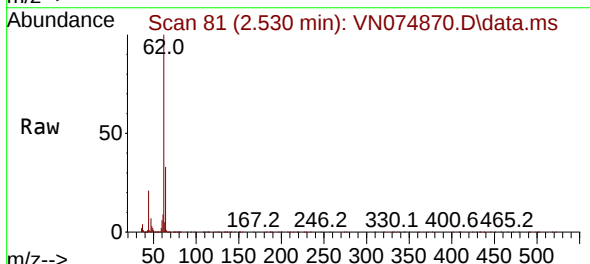
Tgt Ion: 50 Resp: 36574
Ion Ratio Lower Upper
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52 31.9 25.5 38.3

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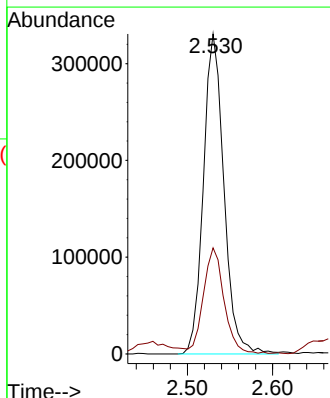
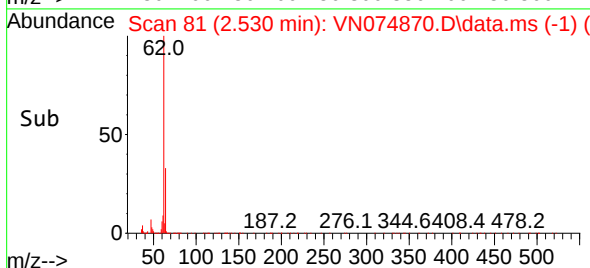
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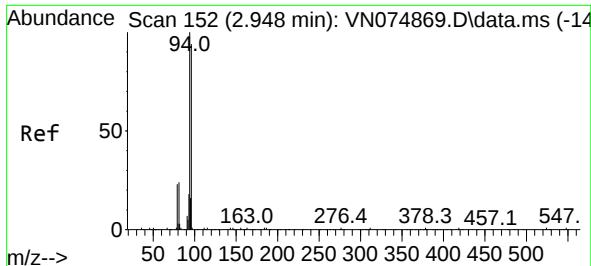


#4
Vinyl Chloride
Concen: 50.286 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN074870.D
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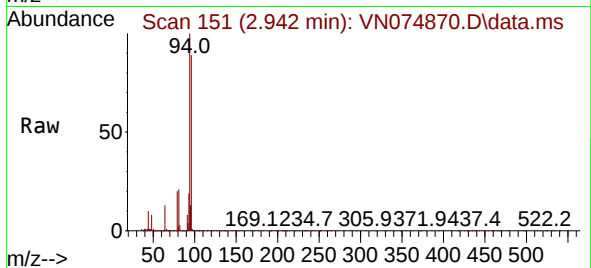
Tgt Ion: 62 Resp: 553212
Ion Ratio Lower Upper
62 100
64 32.7 25.6 38.4





#5
Bromomethane
Concen: 49.977 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN074870.D
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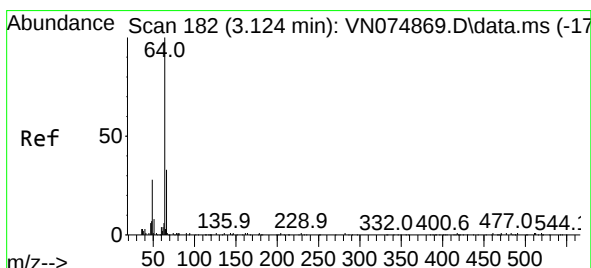
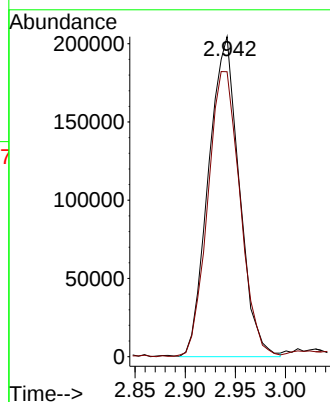
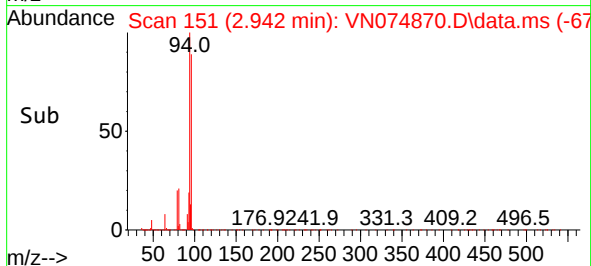
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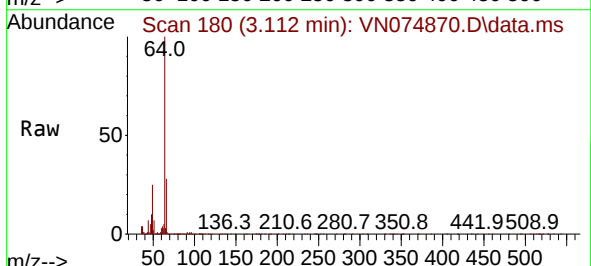
Tgt Ion: 94 Resp: 43592
Ion Ratio Lower Upper
94 100
96 88.6 68.3 102.5

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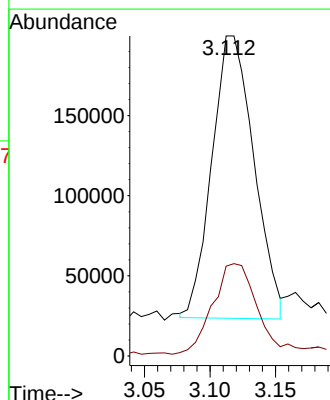
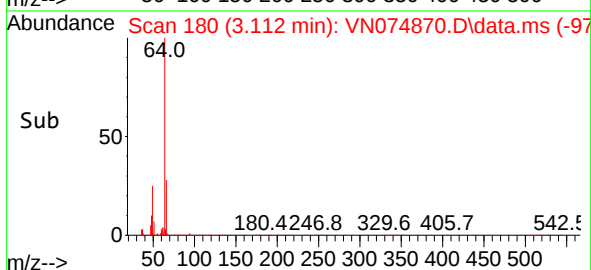
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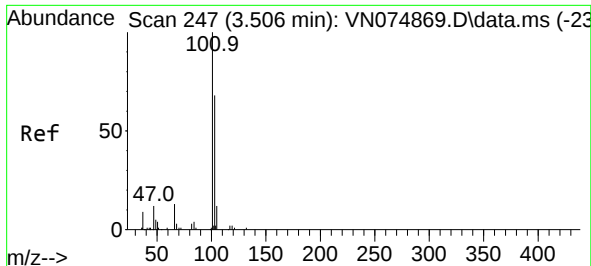


#6
Chloroethane
Concen: 44.840 ug/l
RT: 3.112 min Scan# 180
Delta R.T. -0.012 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26



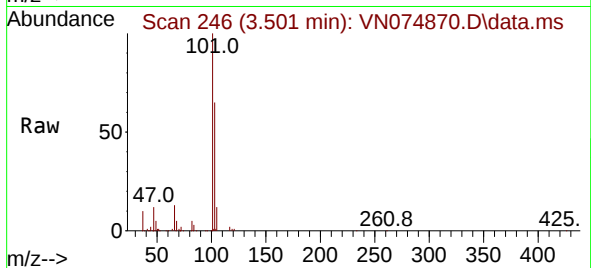
Tgt Ion: 64 Resp: 393084
Ion Ratio Lower Upper
64 100
66 31.1 21.8 32.8





#7
Trichlorofluoromethane
Concen: 47.968 ug/l
RT: 3.501 min Scan# 247
Delta R.T. -0.006 min
Lab File: VN074870.D
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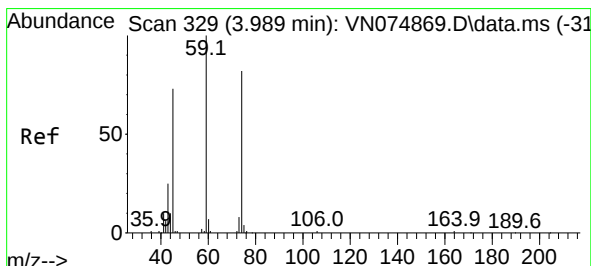
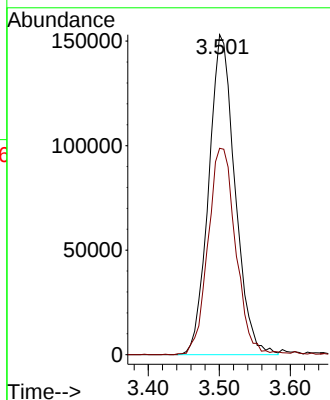
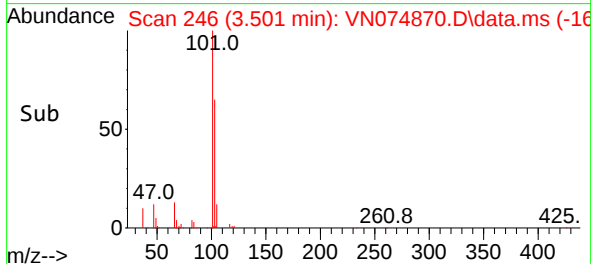
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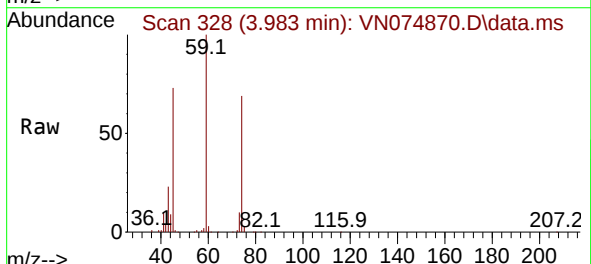
Tgt Ion:101 Resp: 39340
Ion Ratio Lower Upper
101 100
103 64.2 54.8 82.2

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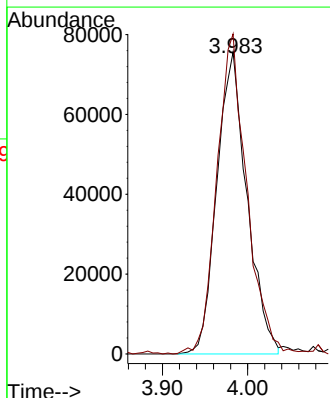
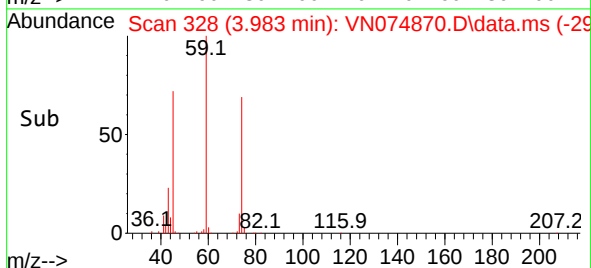
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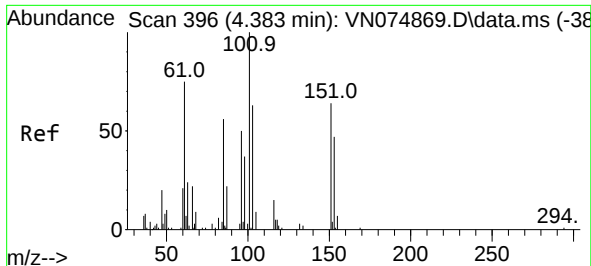


#8
Diethyl Ether
Concen: 48.363 ug/l
RT: 3.983 min Scan# 328
Delta R.T. -0.006 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26



Tgt Ion: 74 Resp: 185028
Ion Ratio Lower Upper
74 100
45 104.5 19.0 171.0





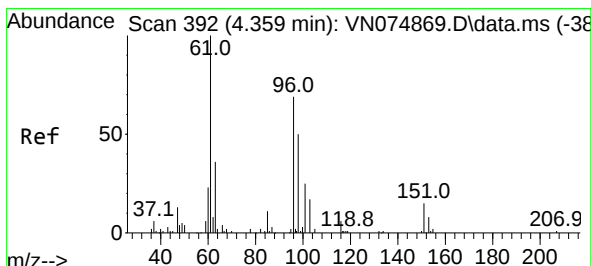
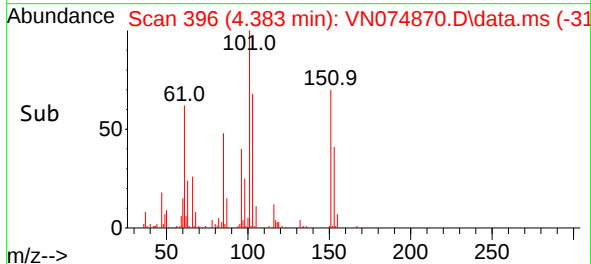
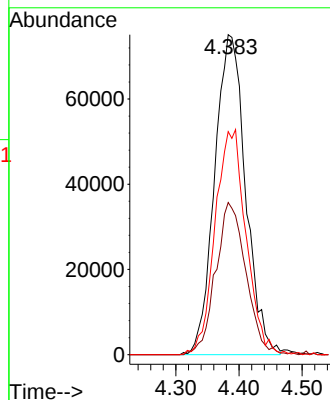
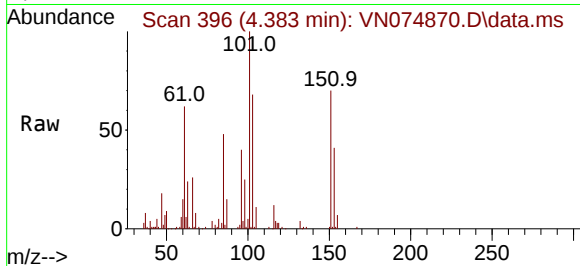
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.567 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:101 Resp: 25572
Ion Ratio Lower Upper
101 100
85 46.4 0.0 94.6
151 69.3 0.0 144.8

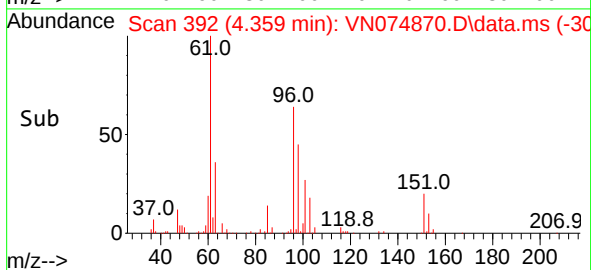
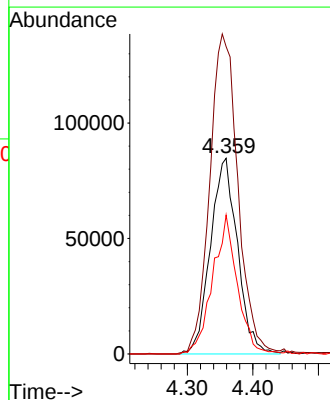
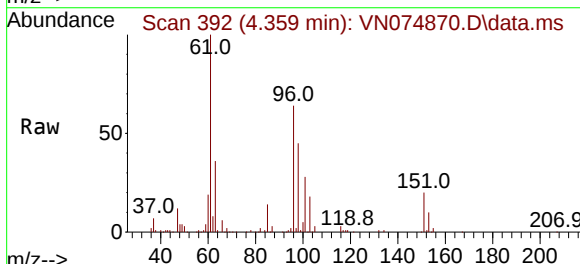
Manual Integrations
APPROVED

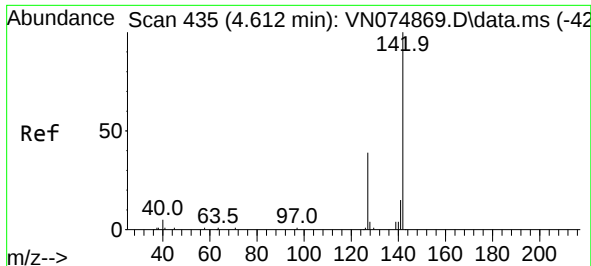
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#10
1,1-Dichloroethene
Concen: 47.747 ug/l
RT: 4.359 min Scan# 392
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

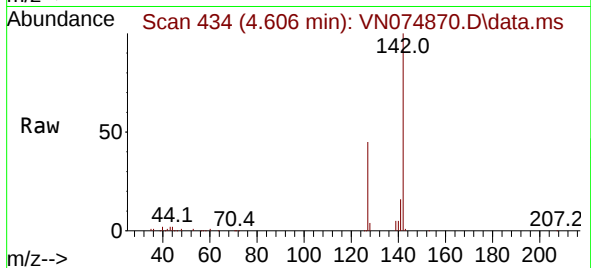
Tgt Ion: 96 Resp: 243128
Ion Ratio Lower Upper
96 100
61 156.4 125.5 188.3
98 70.9 45.0 67.4





#11
Methyl Iodide
Concen: 48.162 ug/l
RT: 4.606 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

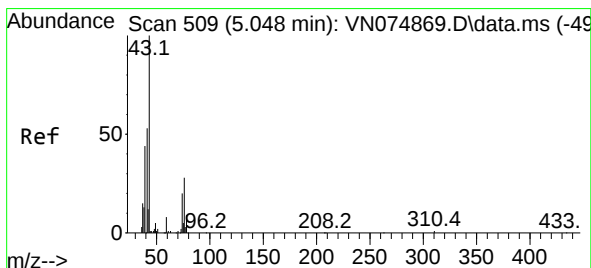
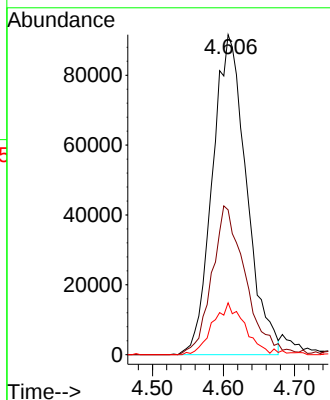
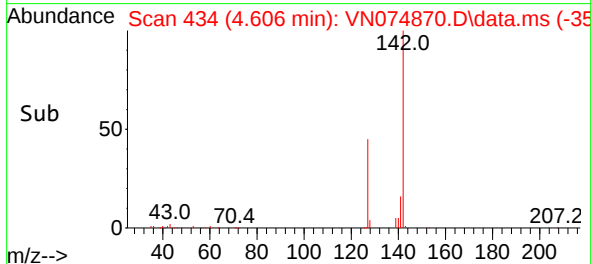
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:142 Resp: 304880
Ion Ratio Lower Upper
142 100
127 44.5 19.3 57.8
141 16.2 7.7 23.1

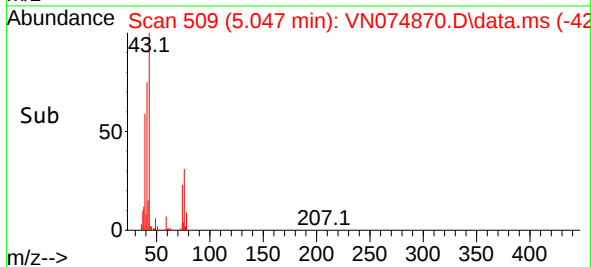
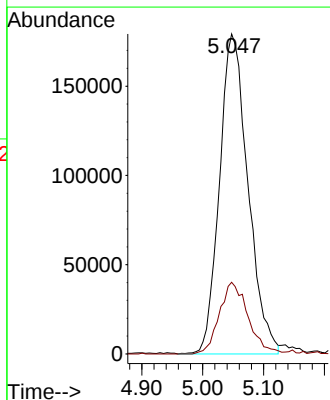
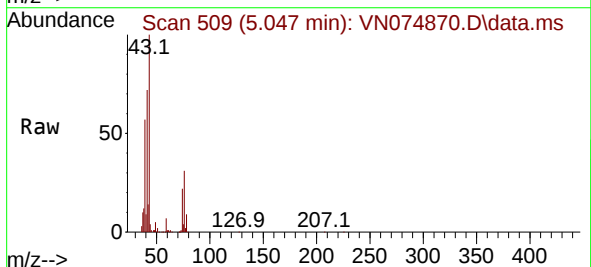
Manual Integrations
APPROVED

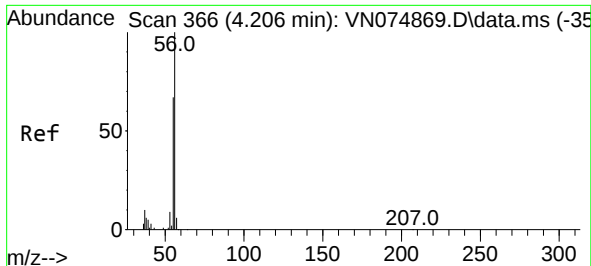
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#12
Methyl Acetate
Concen: 47.652 ug/l
RT: 5.047 min Scan# 509
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

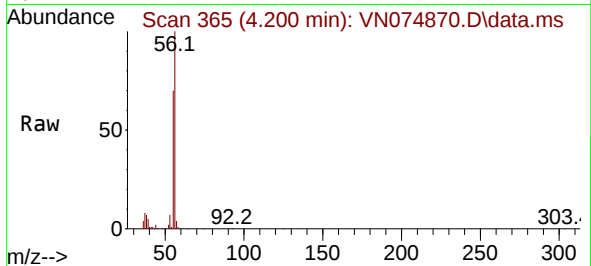
Tgt Ion: 43 Resp: 583094
Ion Ratio Lower Upper
43 100
74 22.2 19.0 28.6





#13
Acrolein
Concen: 243.429 ug/l
RT: 4.200 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

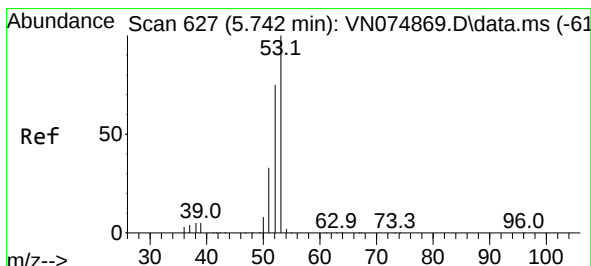
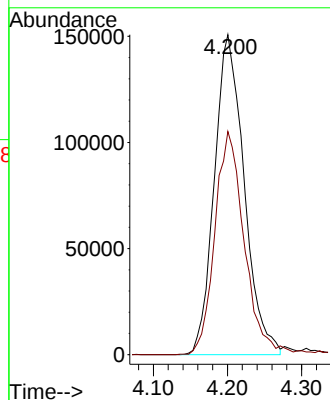
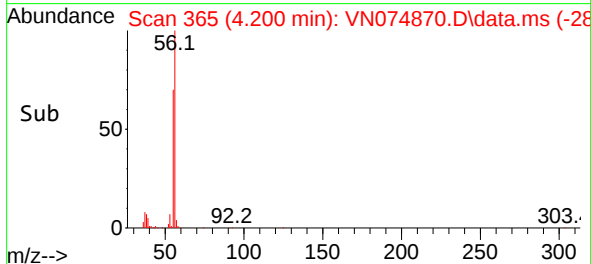
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 56 Resp: 42086
Ion Ratio Lower Upper
56 100
55 67.6 56.2 84.2

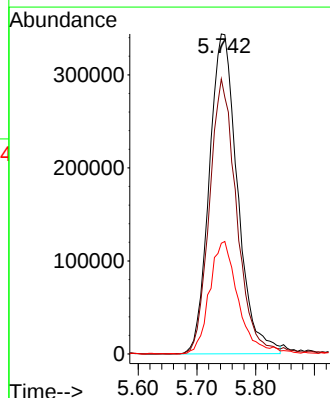
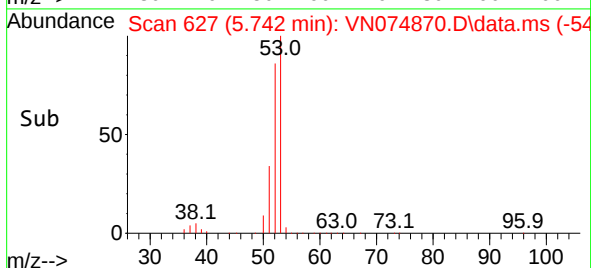
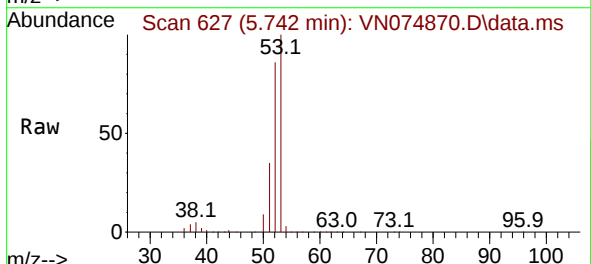
Manual Integrations
APPROVED

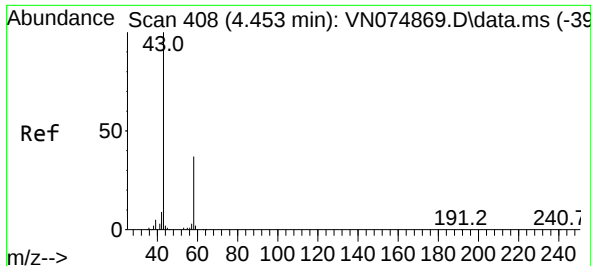
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#14
Acrylonitrile
Concen: 251.822 ug/l
RT: 5.742 min Scan# 627
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

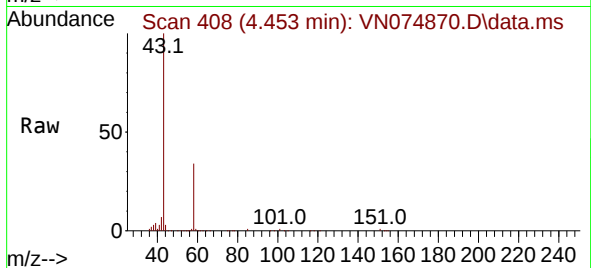
Tgt Ion: 53 Resp: 1149245
Ion Ratio Lower Upper
53 100
52 82.4 40.8 122.4
51 35.0 17.0 51.0





#15
Acetone
Concen: 241.155 ug/l
RT: 4.453 min Scan# 408
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

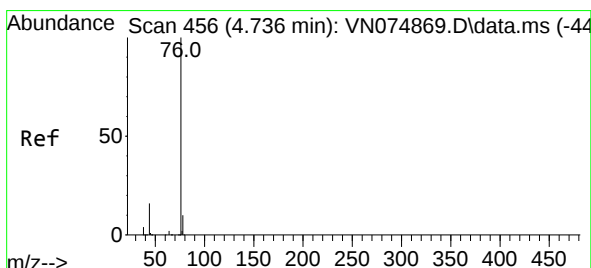
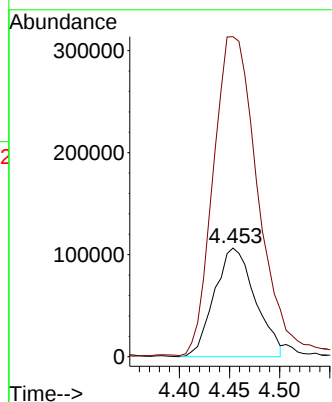
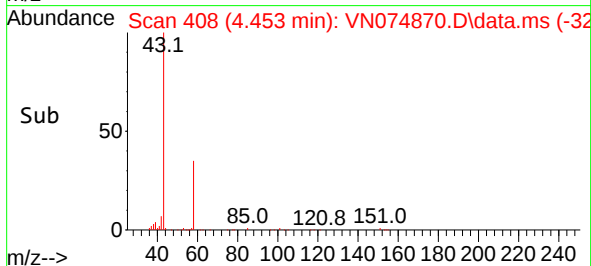
Instrument :
MSVOA_N
Client SampleId :
VSTDICC050



Tgt Ion: 58 Resp: 302062
Ion Ratio Lower Upper
58 100
43 293.3 232.2 348.4

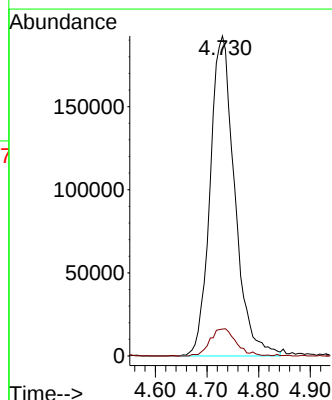
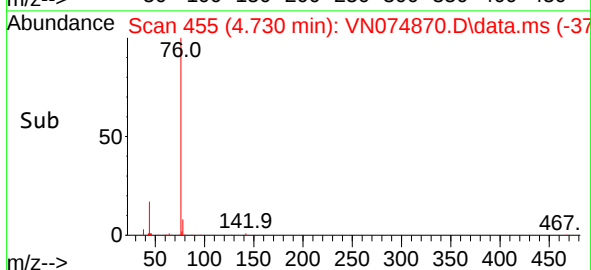
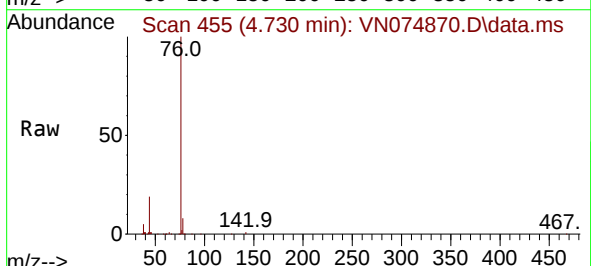
Manual Integrations
APPROVED

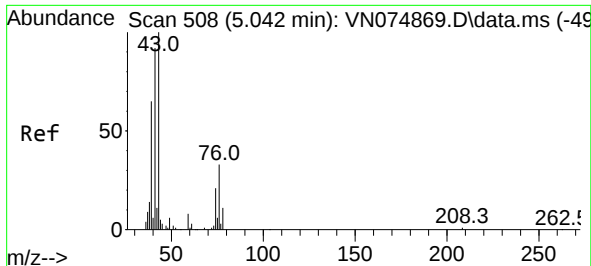
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#16
Carbon Disulfide
Concen: 48.884 ug/l
RT: 4.730 min Scan# 455
Delta R.T. -0.006 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Tgt Ion: 76 Resp: 637167
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8





#17

Allyl chloride

Concen: 45.459 ug/l

RT: 5.036 min Scan# 508

Delta R.T. -0.006 min

Lab File: VN074870.D

Acq: 12 Oct 2022 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

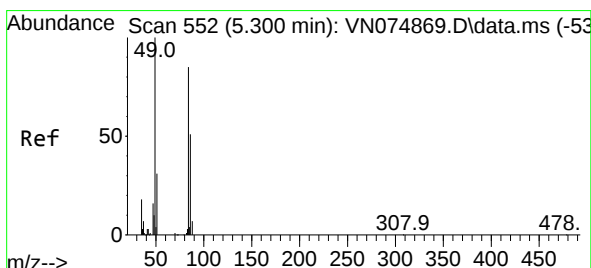
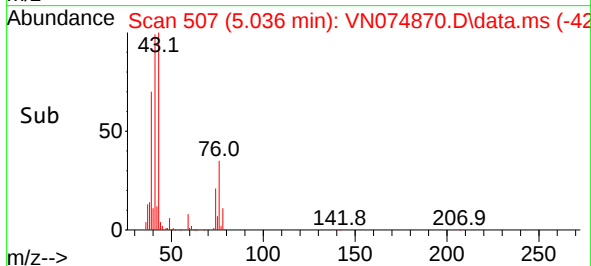
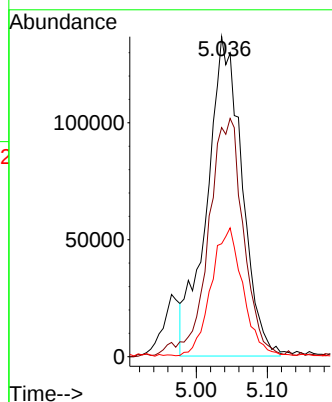
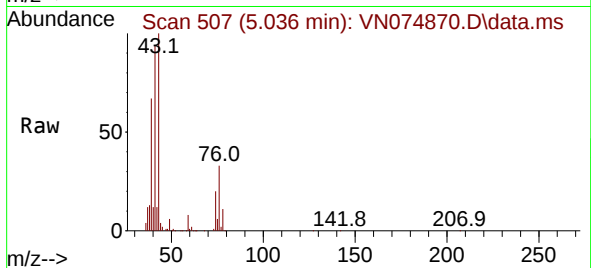
Tgt Ion: 41	Resp: 46986
Ion Ratio	Lower Upper
41	100
39	71.6 39.1 117.5
76	35.4 19.8 59.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#18

Methylene Chloride

Concen: 48.602 ug/l

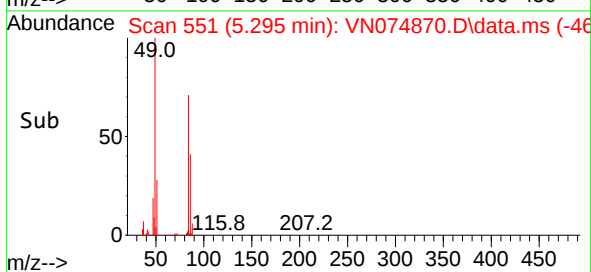
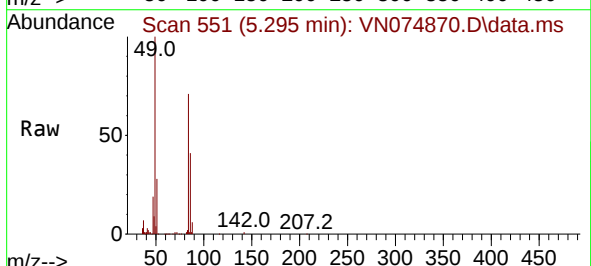
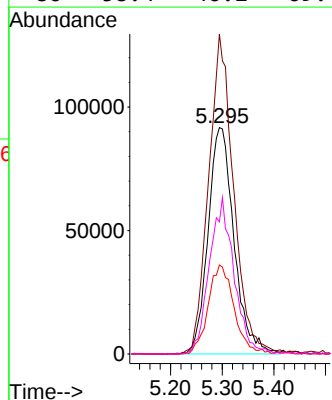
RT: 5.295 min Scan# 551

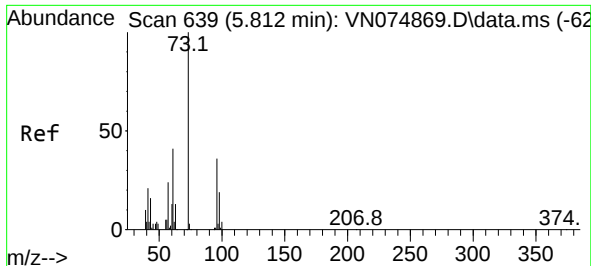
Delta R.T. -0.006 min

Lab File: VN074870.D

Acq: 12 Oct 2022 11:26

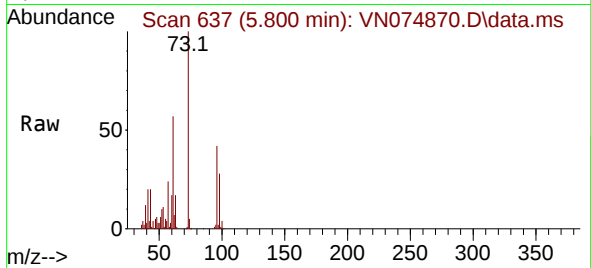
Tgt Ion: 84	Resp: 319642
Ion Ratio	Lower Upper
84	100
49	141.1 99.6 149.4
51	39.3 28.2 42.2
86	58.4 46.2 69.4





#19
trans-1,2-Dichloroethene
Concen: 49.882 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

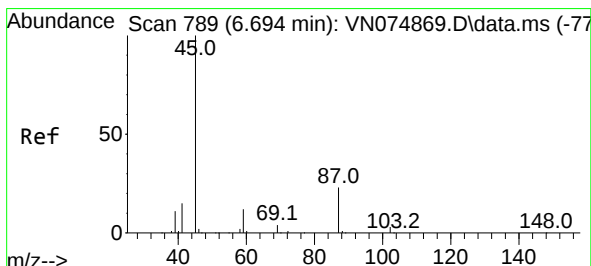
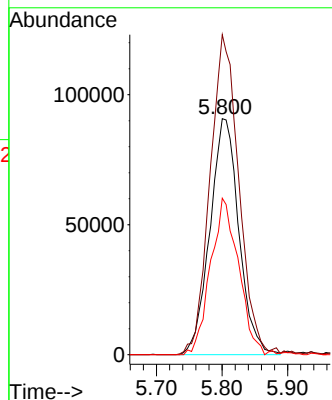
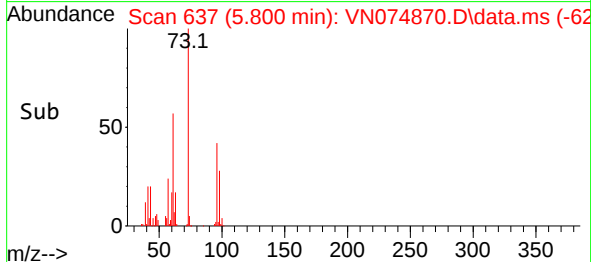
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 96 Resp: 277980
Ion Ratio Lower Upper
96 100
61 135.1 110.2 165.4
98 66.3 50.0 75.0

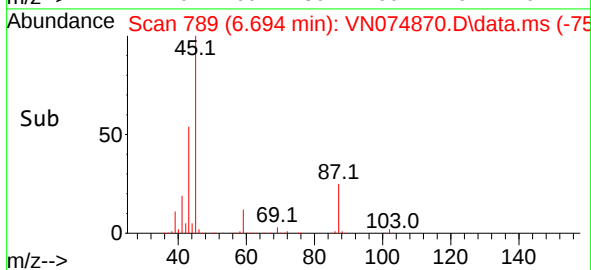
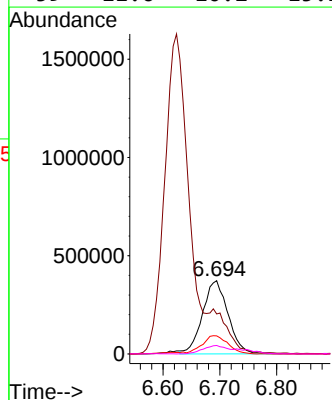
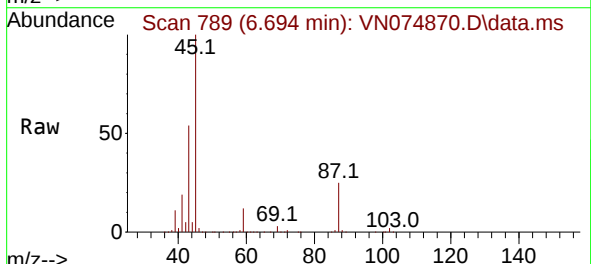
Manual Integrations
APPROVED

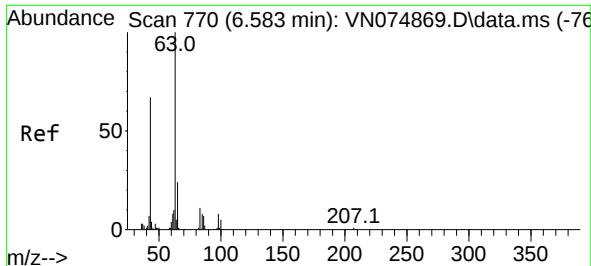
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#20
Diisopropyl ether
Concen: 49.180 ug/l
RT: 6.694 min Scan# 789
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Tgt Ion: 45 Resp: 1160409
Ion Ratio Lower Upper
45 100
43 53.6 47.3 70.9
87 24.8 21.8 32.8
59 11.6 10.2 15.2





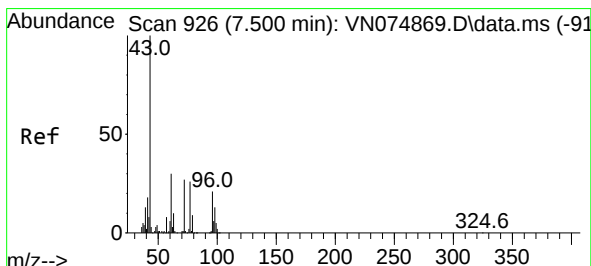
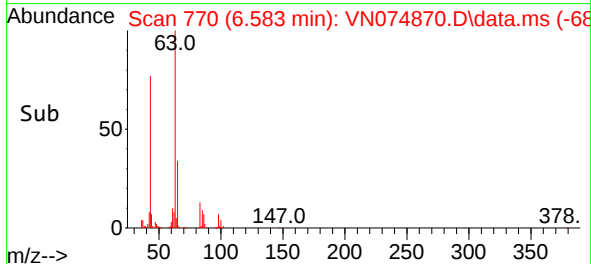
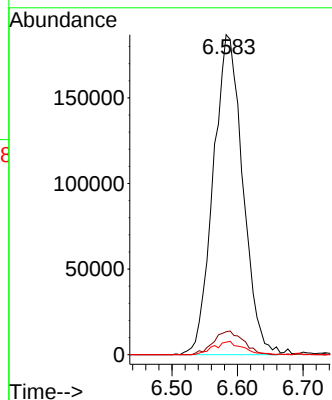
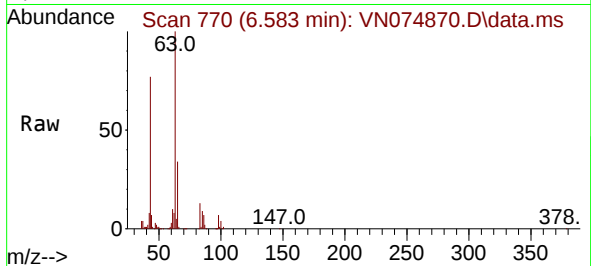
#21
1,1-Dichloroethane
Concen: 48.729 ug/l
RT: 6.583 min Scan# 770
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 63 Resp: 584769
Ion Ratio Lower Upper
63 100
98 7.1 3.3 9.9
100 3.9 2.2 6.6

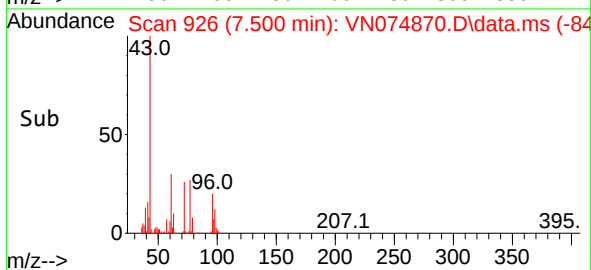
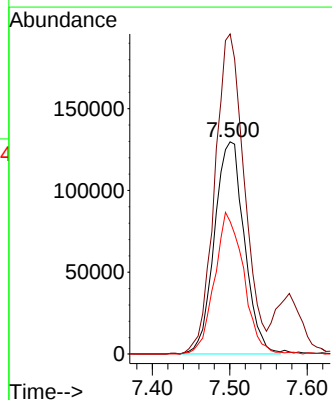
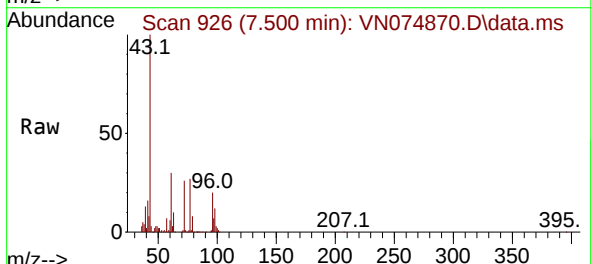
Manual Integrations
APPROVED

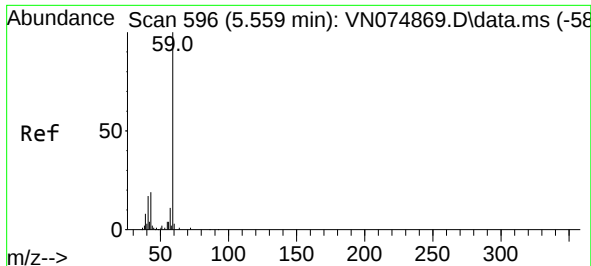
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#22
cis-1,2-Dichloroethene
Concen: 49.931 ug/l
RT: 7.500 min Scan# 926
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

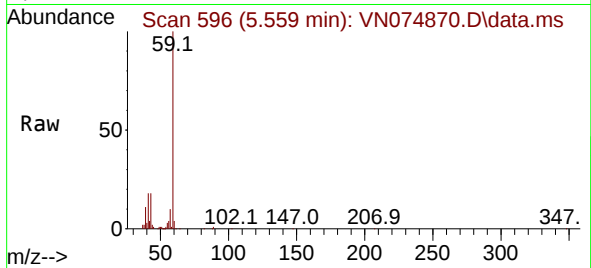
Tgt Ion: 96 Resp: 348444
Ion Ratio Lower Upper
96 100
61 148.7 118.8 178.2
98 64.6 52.1 78.1





#23
tert-Butyl Alcohol
Concen: 249.022 ug/l
RT: 5.559 min Scan# 596
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

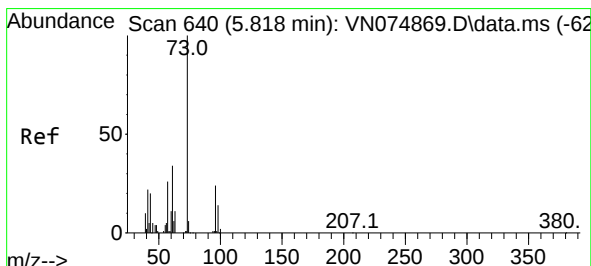
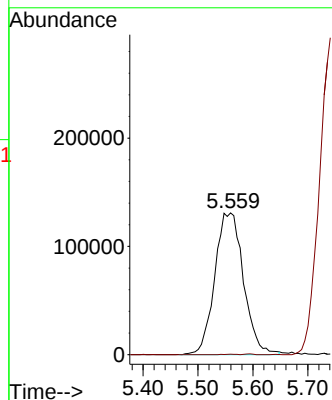
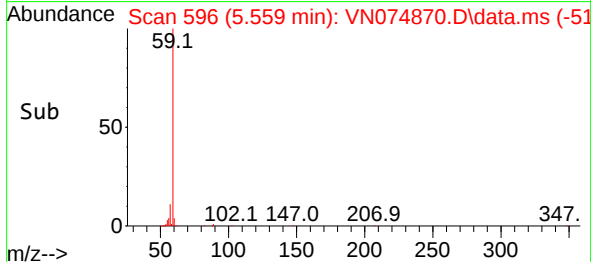
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



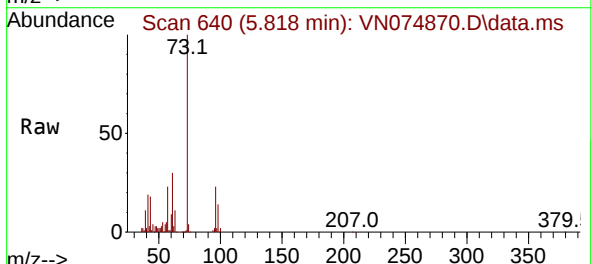
Tgt Ion: 59 Resp: 47640
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.4

Manual Integrations
APPROVED

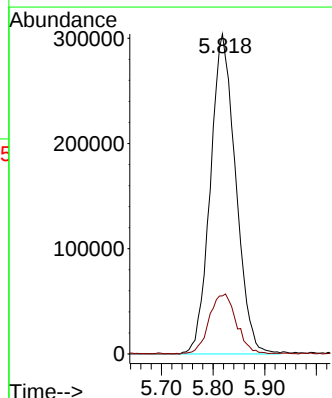
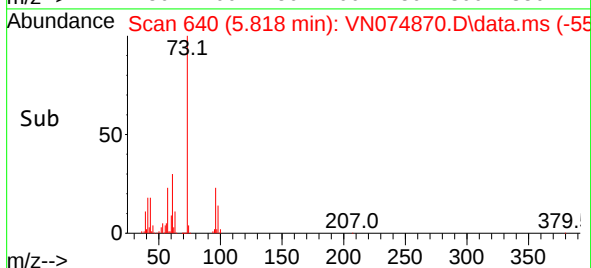
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

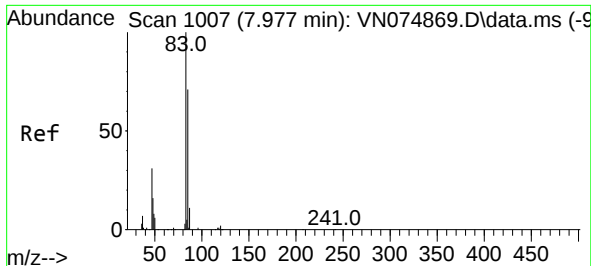


#24
Methyl tert-Butyl Ether
Concen: 48.916 ug/l
RT: 5.818 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26



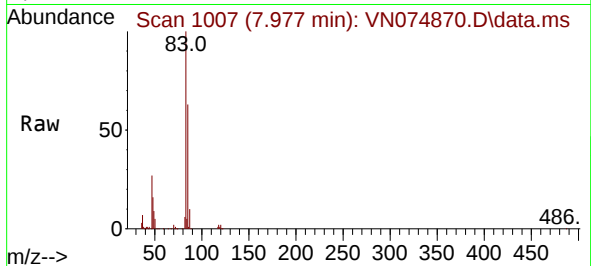
Tgt Ion: 73 Resp: 1037136
Ion Ratio Lower Upper
73 100
43 20.0 15.6 23.4





#25
Chloroform
Concen: 49.513 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

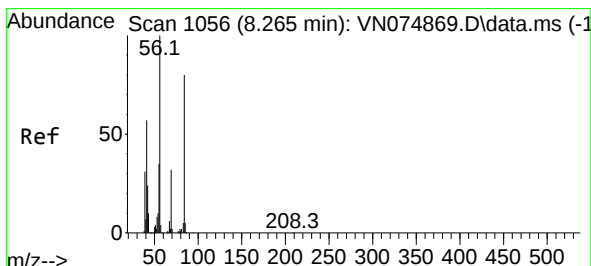
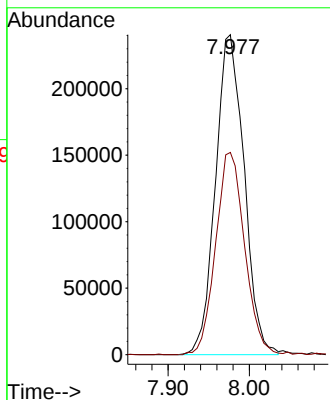
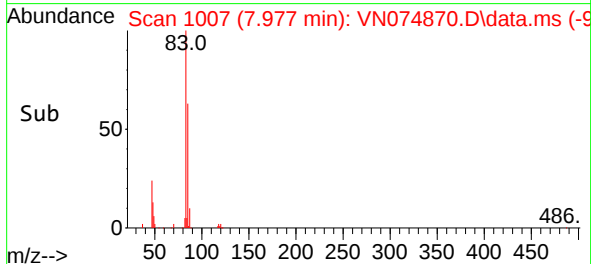
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 83 Resp: 59022
Ion Ratio Lower Upper
83 100
85 63.2 53.6 80.4

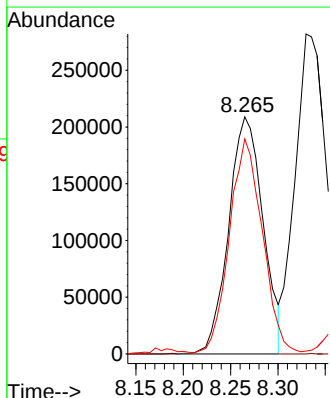
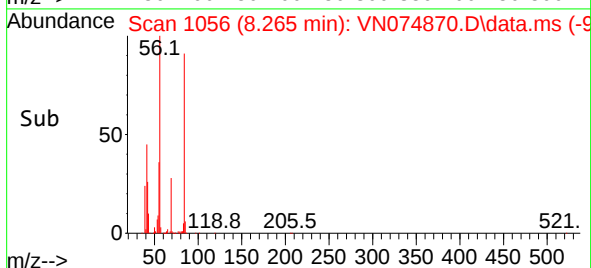
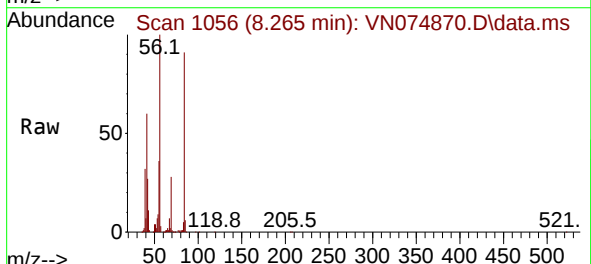
Manual Integrations
APPROVED

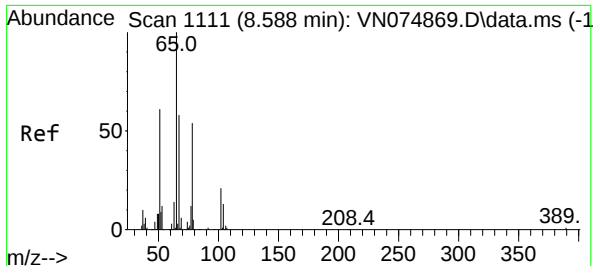
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#26
Cyclohexane
Concen: 49.928 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Tgt Ion: 56 Resp: 526471
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.4 68.4 102.6





#27

1,2-Dichloroethane-d4

Concen: 31.128 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. -0.000 min

Lab File: VN074870.D

Acq: 12 Oct 2022 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 65 Resp: 24242

Ion Ratio Lower Upper

65 100

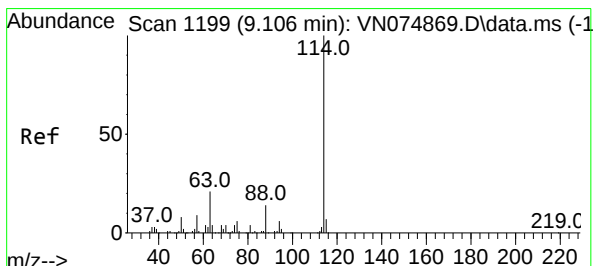
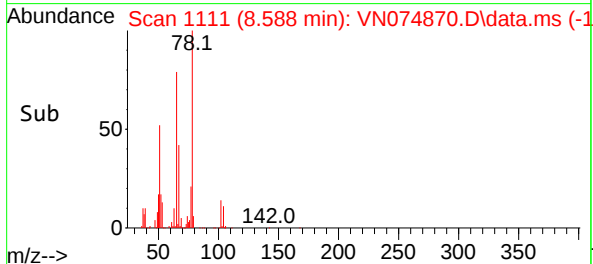
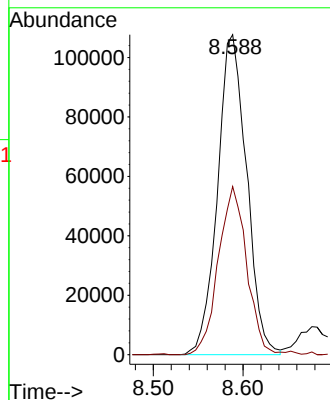
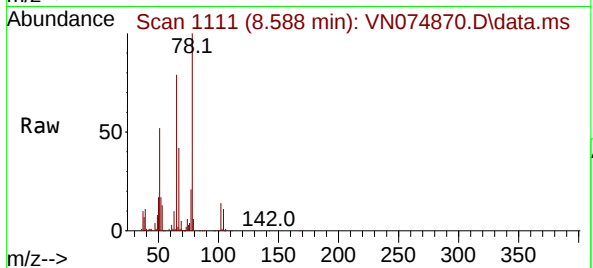
67 51.1 45.2 67.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN074870.D

Acq: 12 Oct 2022 11:26

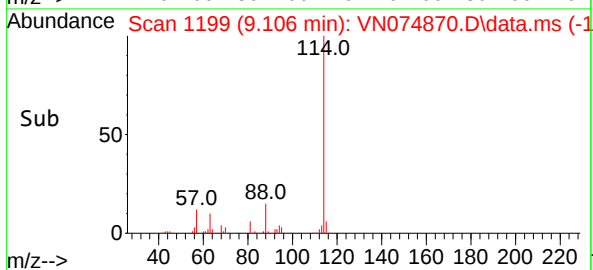
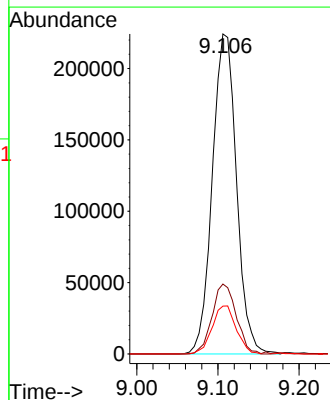
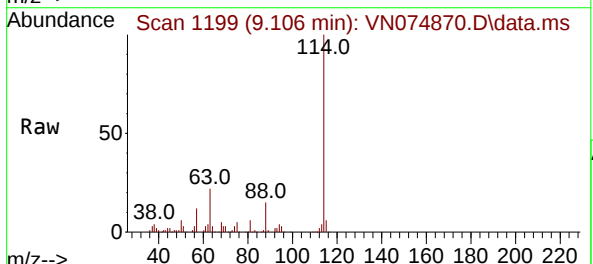
Tgt Ion:114 Resp: 464580

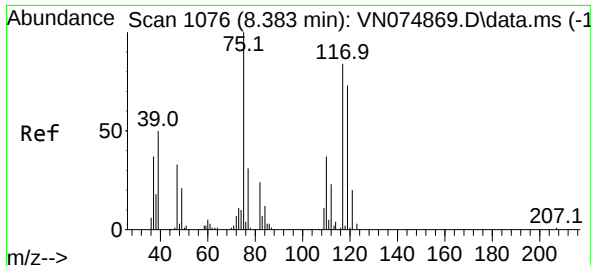
Ion Ratio Lower Upper

114 100

63 21.8 16.6 25.0

88 14.9 12.2 18.4





#29

1,1-Dichloropropene

Concen: 50.656 ug/l

RT: 8.383 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VN074870.D

Acq: 12 Oct 2022 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 75 Resp: 424629

Ion Ratio Lower Upper

75 100

110 33.8 0.0 72.2

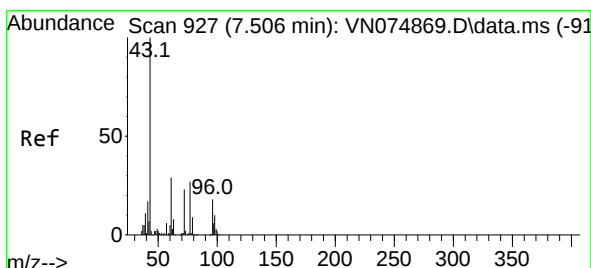
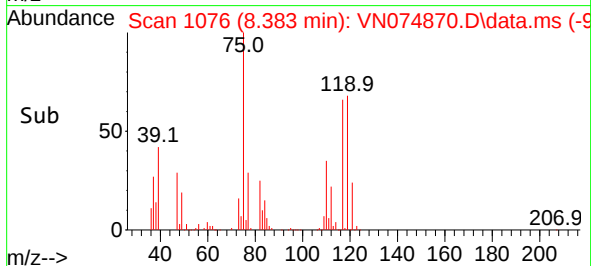
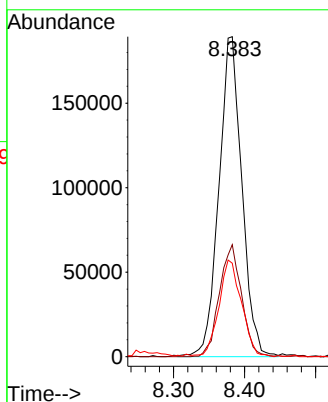
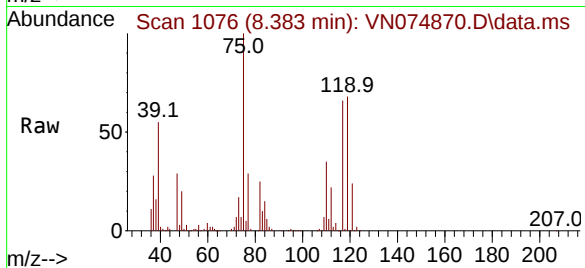
77 29.8 0.0 64.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#30

2-Butanone

Concen: 252.045 ug/l

RT: 7.500 min Scan# 926

Delta R.T. -0.006 min

Lab File: VN074870.D

Acq: 12 Oct 2022 11:26

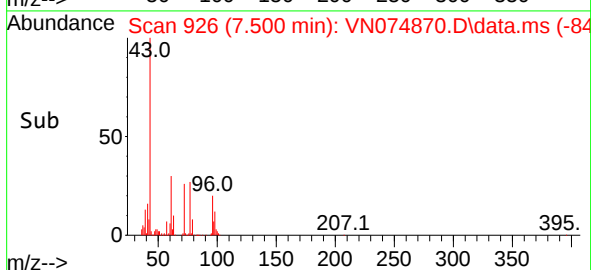
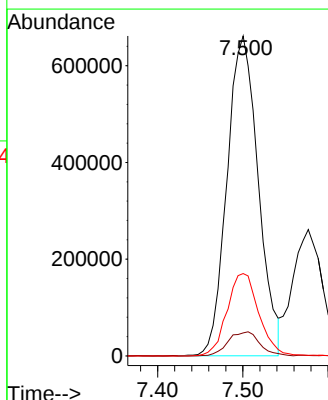
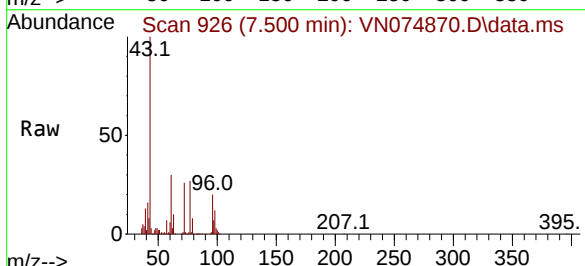
Tgt Ion: 43 Resp: 1685744

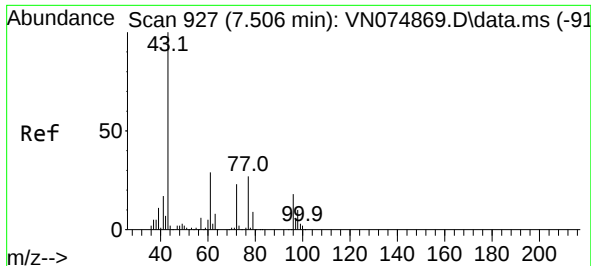
Ion Ratio Lower Upper

43 100

57 7.7 6.3 9.5

72 26.3 21.0 31.4





#31

2,2-Dichloropropane

Concen: 49.426 ug/l

RT: 7.506 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN074870.D

Acq: 12 Oct 2022 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 77 Resp: 506584

Ion Ratio Lower Upper

77 100

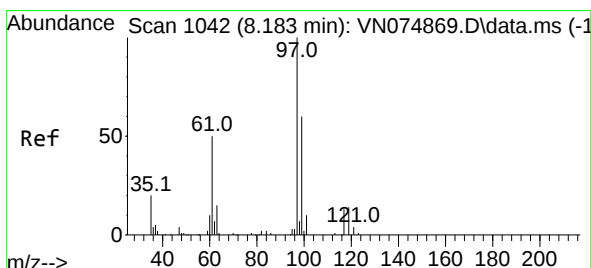
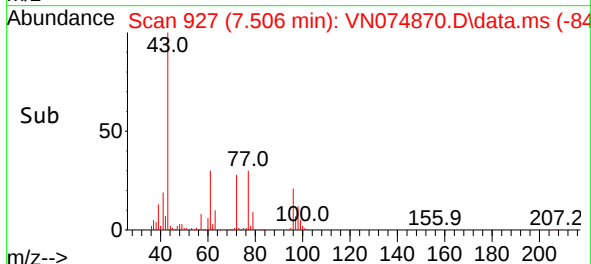
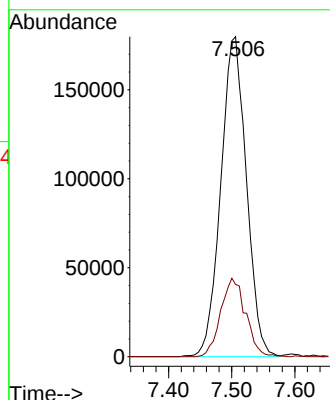
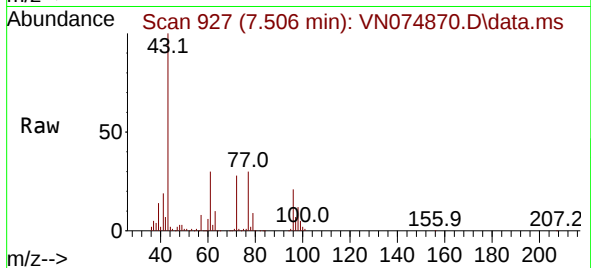
97 23.8 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#32

1,1,1-Trichloroethane

Concen: 50.409 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VN074870.D

Acq: 12 Oct 2022 11:26

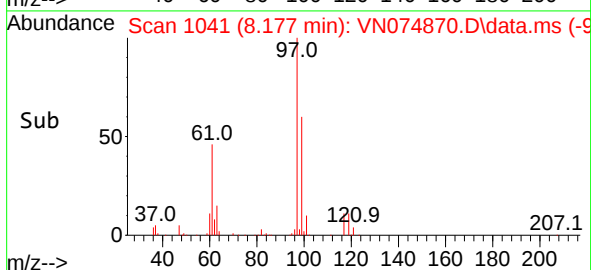
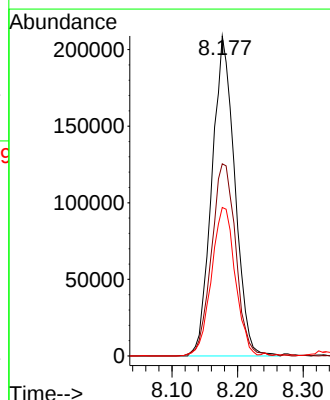
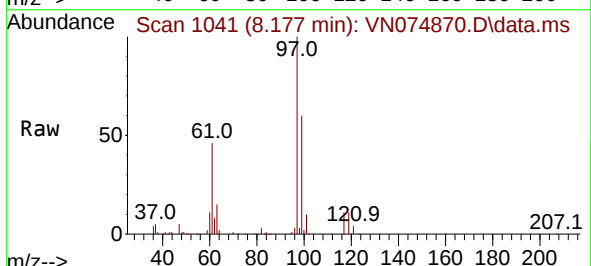
Tgt Ion: 97 Resp: 506736

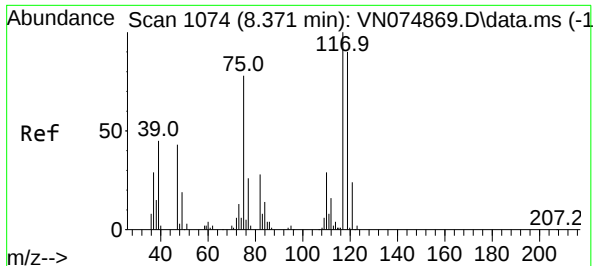
Ion Ratio Lower Upper

97 100

99 63.3 50.0 75.0

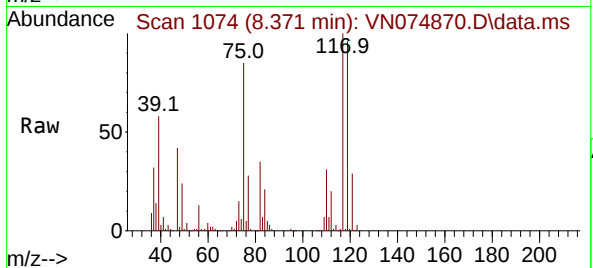
61 48.2 36.1 54.1





#33
Carbon Tetrachloride
Concen: 50.666 ug/l
RT: 8.371 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

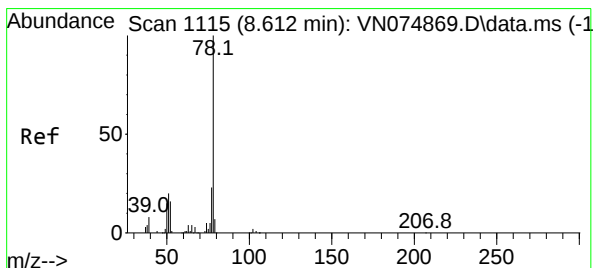
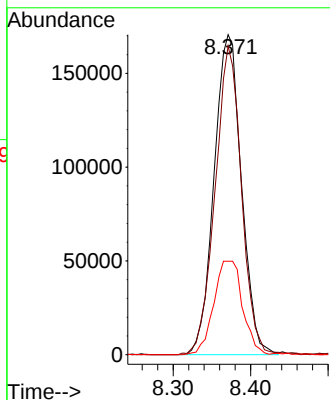
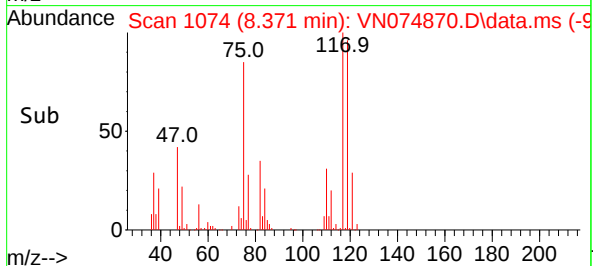
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:117 Resp: 418932
Ion Ratio Lower Upper
117 100
119 96.5 77.8 116.6
121 29.2 27.6 41.4

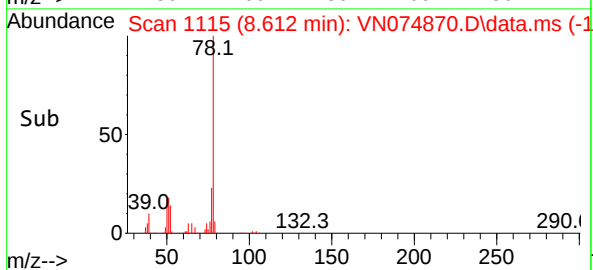
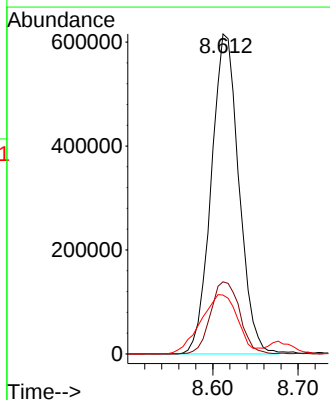
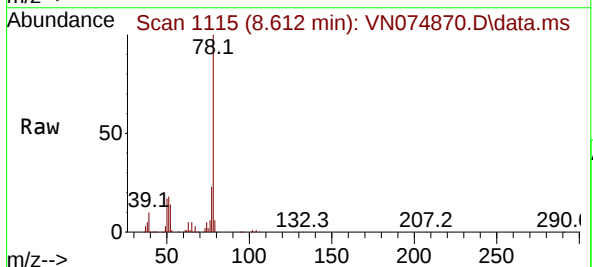
Manual Integrations
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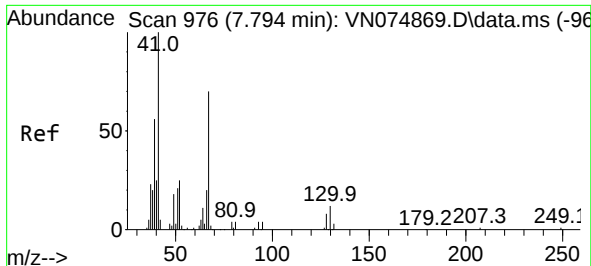
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#34
Benzene
Concen: 50.089 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

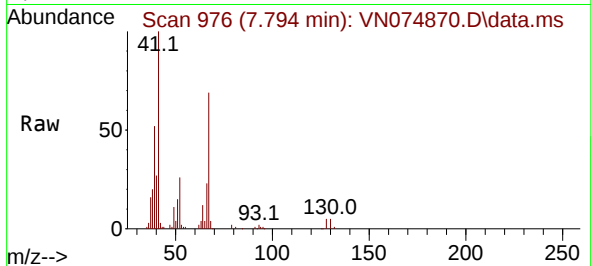
Tgt Ion: 78 Resp: 1387892
Ion Ratio Lower Upper
78 100
77 22.5 19.9 29.9
51 17.2 21.1 31.7#





#35
Methacrylonitrile
Concen: 49.004 ug/l
RT: 7.794 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

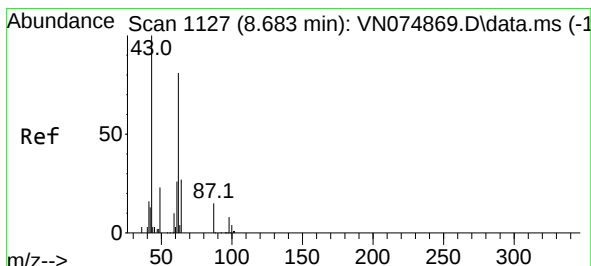
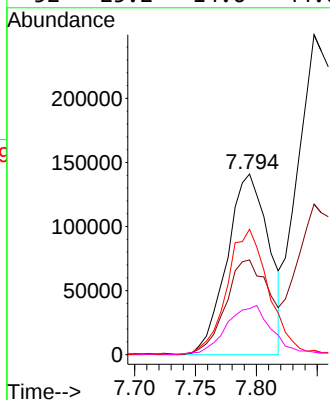
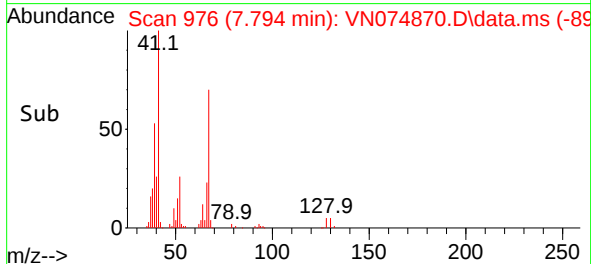
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 41 Resp: 33684
Ion Ratio Lower Upper
41 100
39 52.3 27.7 83.1
67 69.5 38.0 113.9
52 25.2 14.6 44.0

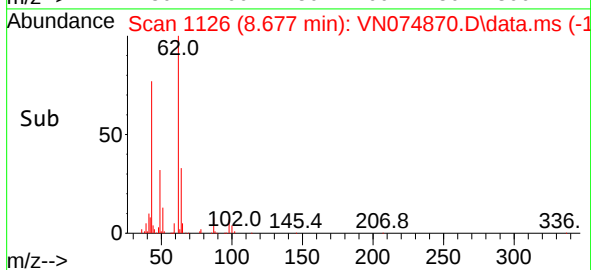
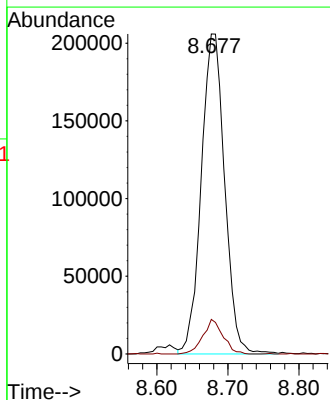
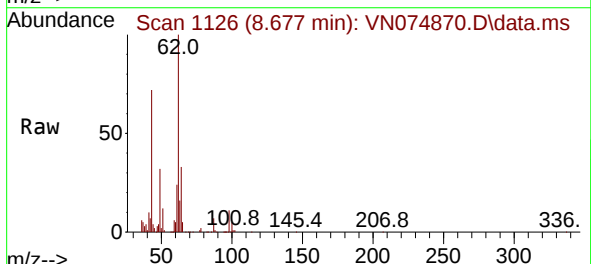
Manual Integrations
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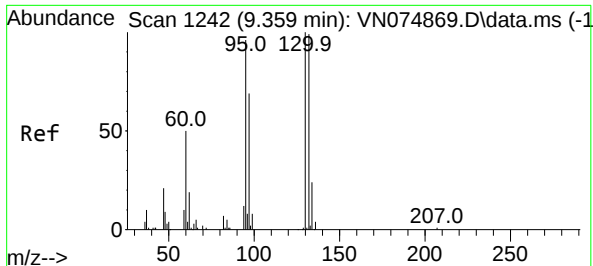
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#36
1,2-Dichloroethane
Concen: 51.129 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Tgt Ion: 62 Resp: 471783
Ion Ratio Lower Upper
62 100
98 9.2 7.4 11.2





#37

Trichloroethene

Concen: 50.499 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VN074870.D

Acq: 12 Oct 2022 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion:130 Resp: 29100

Ion Ratio Lower Upper

130 100

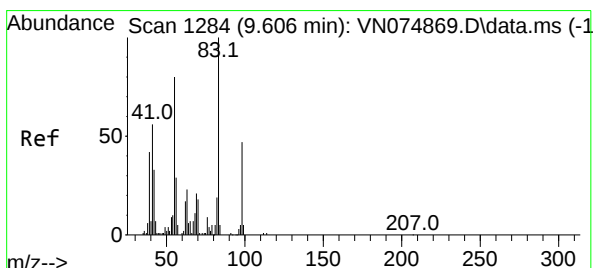
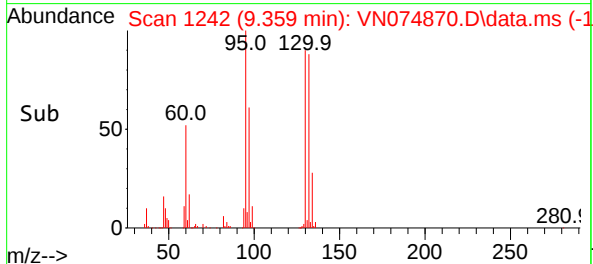
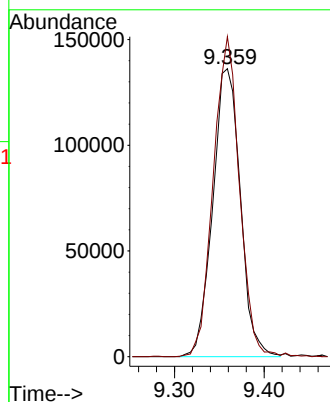
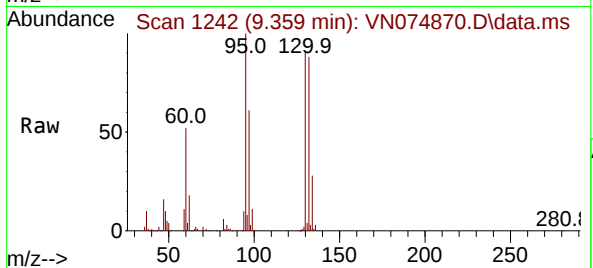
95 110.9 75.9 113.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#38

Methylcyclohexane

Concen: 51.683 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VN074870.D

Acq: 12 Oct 2022 11:26

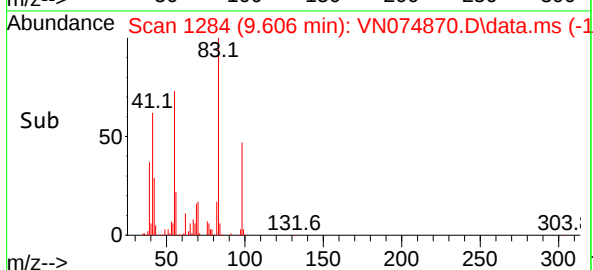
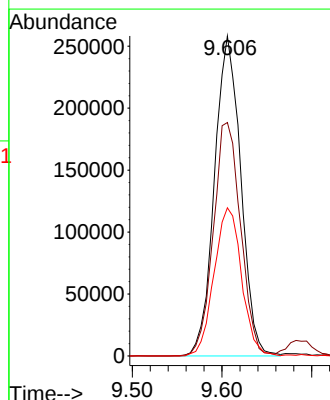
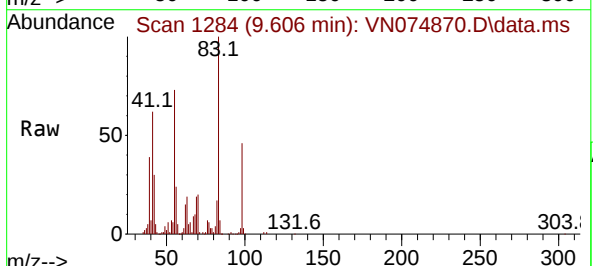
Tgt Ion: 83 Resp: 526312

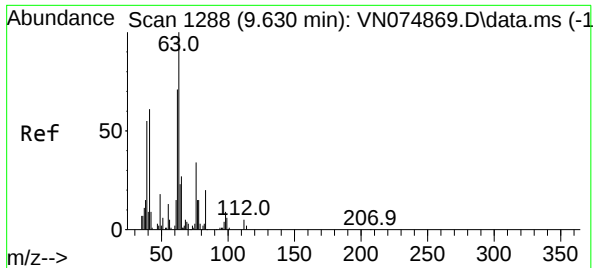
Ion Ratio Lower Upper

83 100

55 75.6 37.4 112.2

98 48.3 24.5 73.5





#39

1,2-Dichloropropane

Concen: 50.661 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.006 min

Lab File: VN074870.D

Acq: 12 Oct 2022 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 63 Resp: 36389

Ion Ratio Lower Upper

63 100

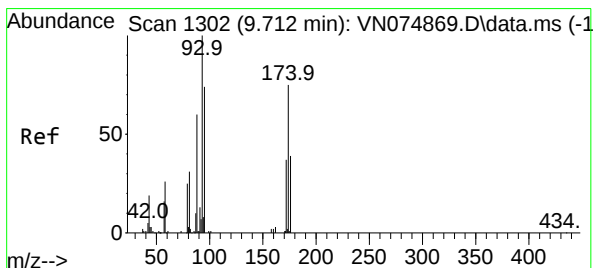
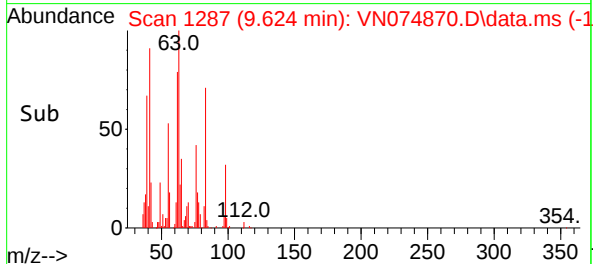
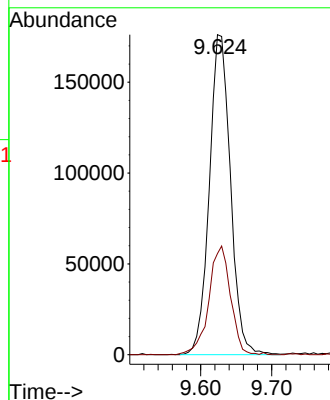
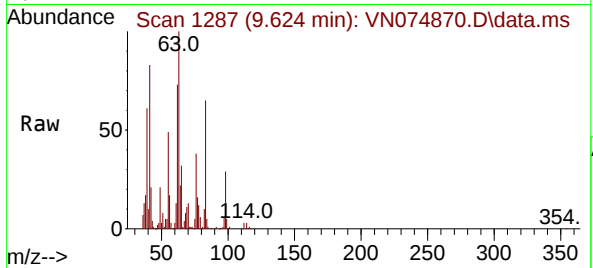
65 31.6 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#40

Dibromomethane

Concen: 49.237 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN074870.D

Acq: 12 Oct 2022 11:26

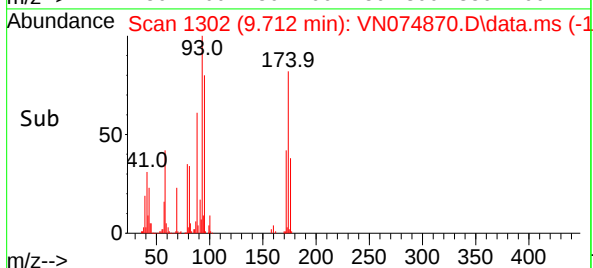
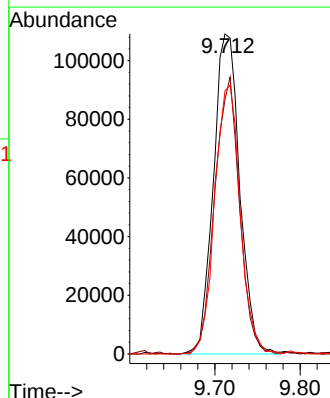
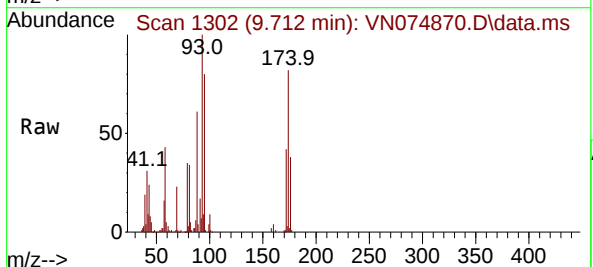
Tgt Ion: 93 Resp: 234363

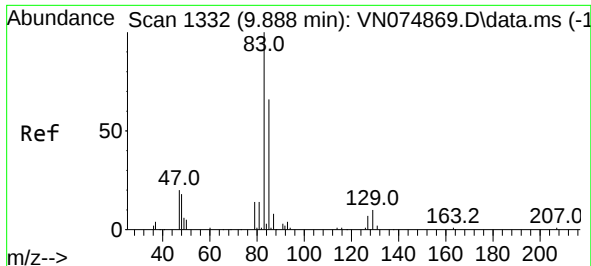
Ion Ratio Lower Upper

93 100

95 81.4 0.0 168.0

174 81.3 0.0 158.4





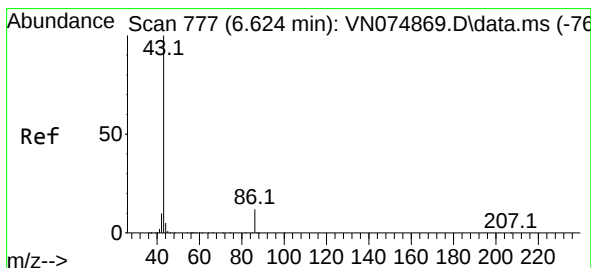
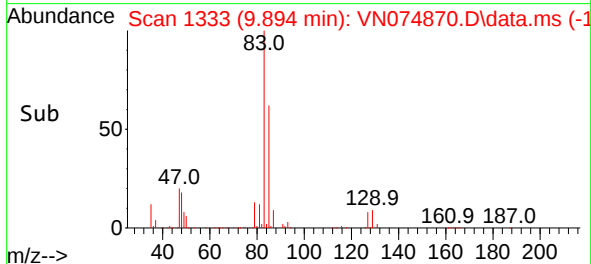
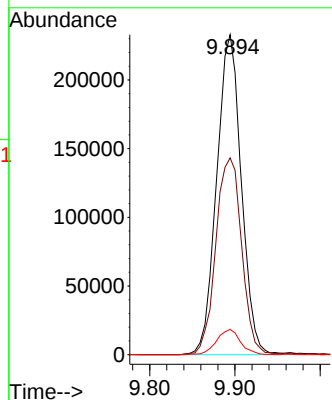
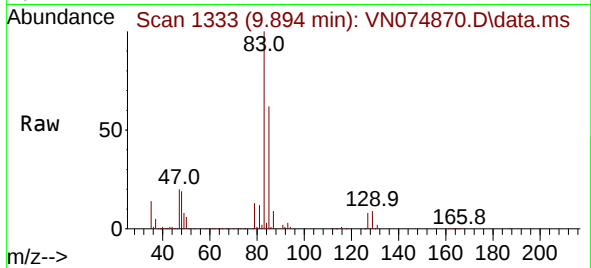
#41
Bromodichloromethane
Concen: 50.439 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 83 Resp: 467560
Ion Ratio Lower Upper
83 100
85 61.5 50.2 75.4
127 7.9 5.1 7.7

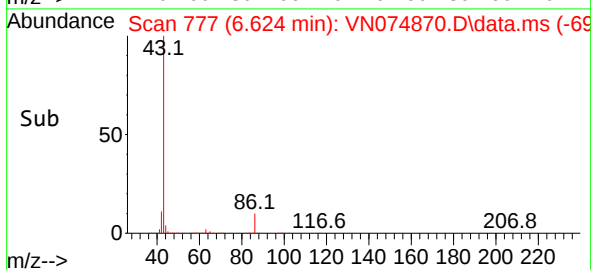
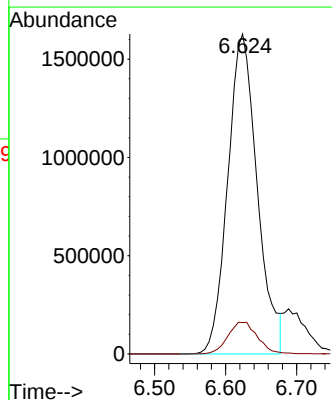
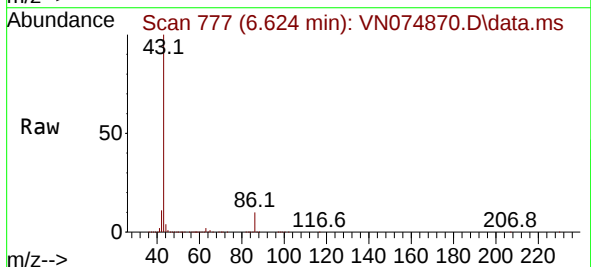
Manual Integrations
APPROVED

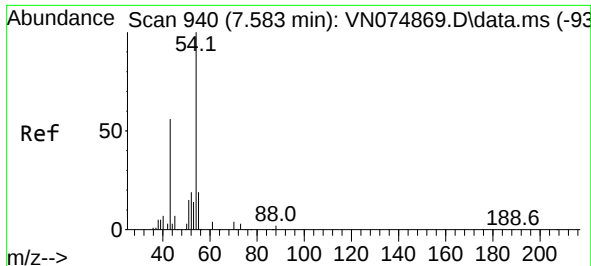
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#42
Vinyl Acetate
Concen: 240.924 ug/l
RT: 6.624 min Scan# 777
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

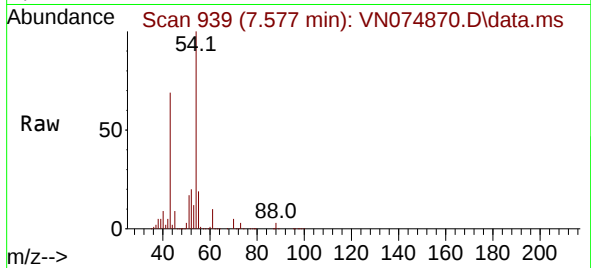
Tgt Ion: 43 Resp: 4706340
Ion Ratio Lower Upper
43 100
86 10.0 7.5 11.3





#43
Ethyl Acetate
Concen: 50.295 ug/l
RT: 7.577 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

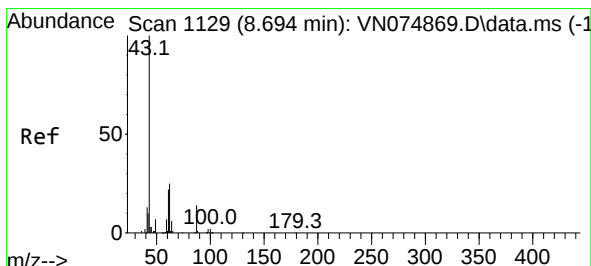
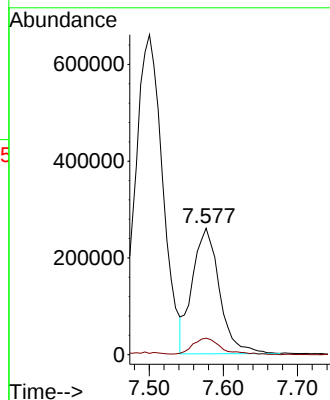
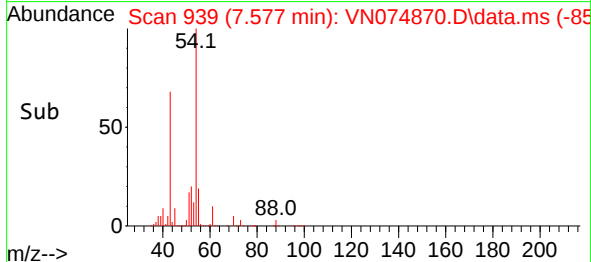
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 43 Resp: 659920
Ion Ratio Lower Upper
43 100
45 11.7 11.5 17.3

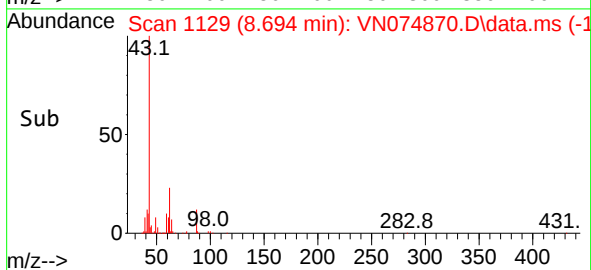
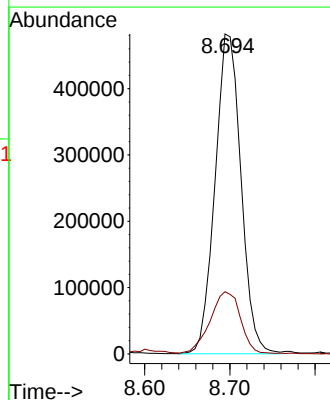
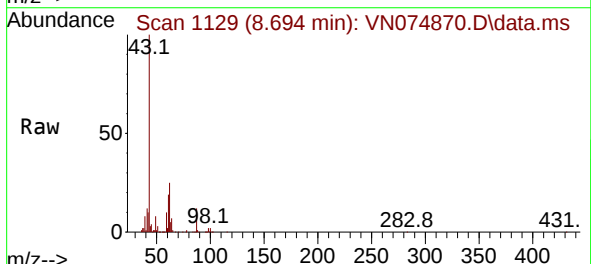
Manual Integrations
APPROVED

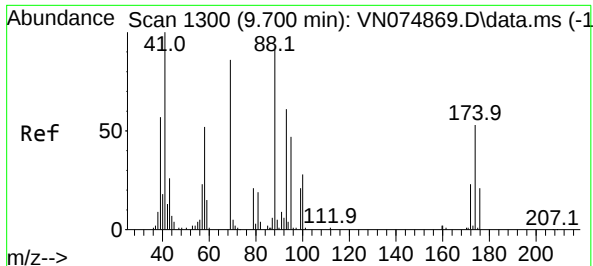
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#44
Isopropyl Acetate
Concen: 50.650 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Tgt Ion: 43 Resp: 1018518
Ion Ratio Lower Upper
43 100
61 23.0 19.5 29.3





#45

1,4-Dioxane

Concen: 1083.688 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN074870.D

Acq: 12 Oct 2022 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

Tgt Ion: 88 Resp: 199825

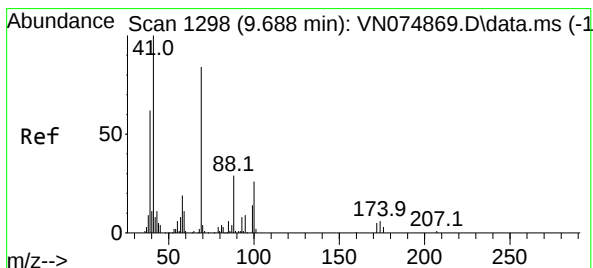
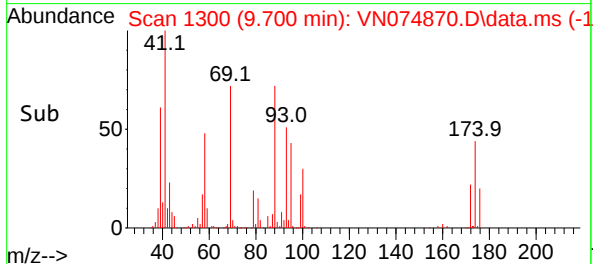
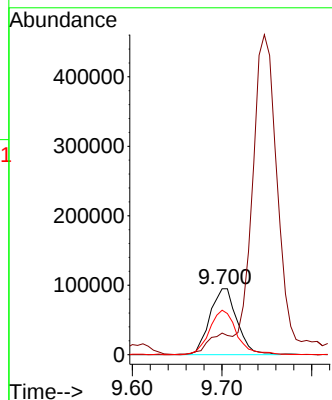
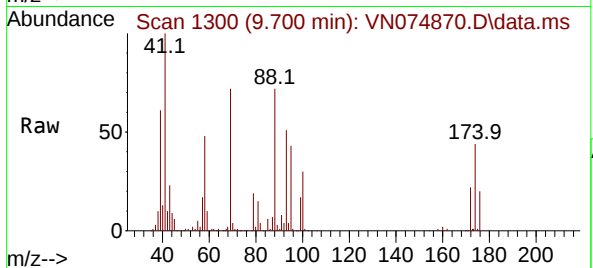
Ion	Ratio	Lower	Upper
88	100		
43	28.9	25.7	38.5
58	65.7	53.4	80.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#46

Methyl methacrylate

Concen: 51.125 ug/l

RT: 9.682 min Scan# 1297

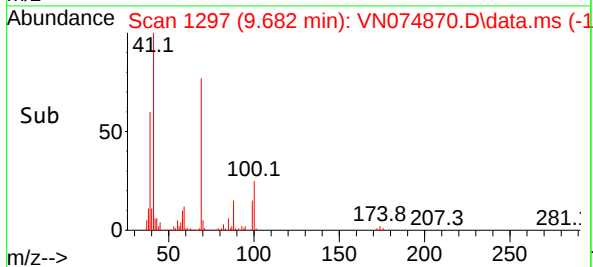
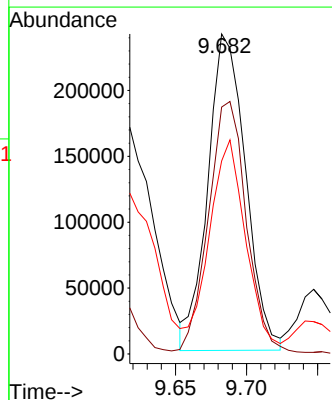
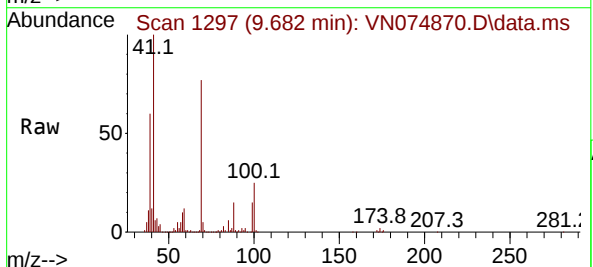
Delta R.T. -0.006 min

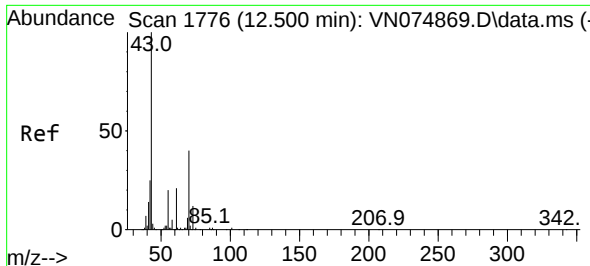
Lab File: VN074870.D

Acq: 12 Oct 2022 11:26

Tgt Ion: 41 Resp: 445247

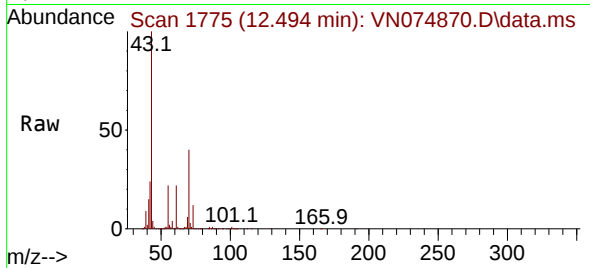
Ion	Ratio	Lower	Upper
41	100		
69	79.7	45.6	136.7
39	60.0	32.3	96.9





#47
n-amy1 Acetate
Concen: 51.950 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

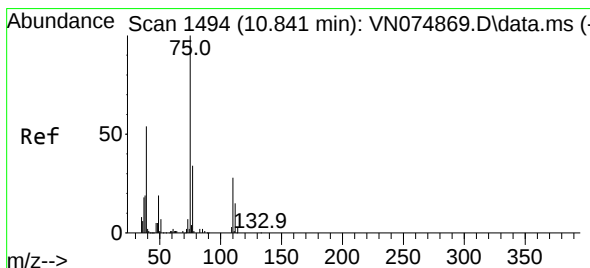
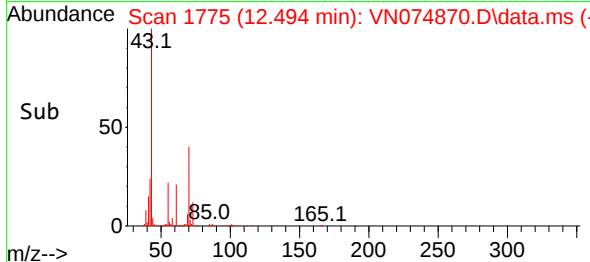
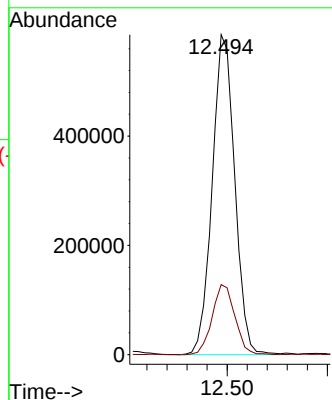
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 43 Resp: 91404
Ion Ratio Lower Upper
43 100
55 22.0 16.8 25.2

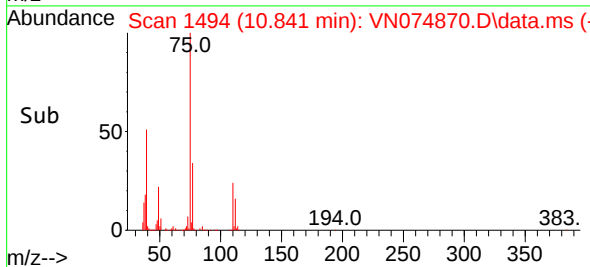
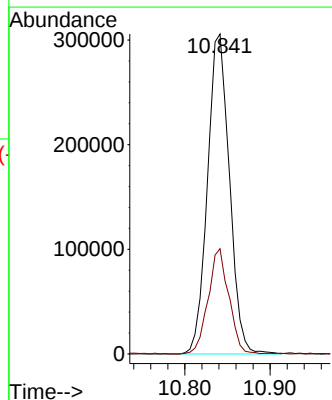
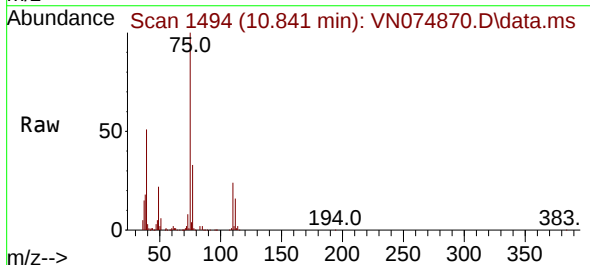
Manual Integrations
APPROVED

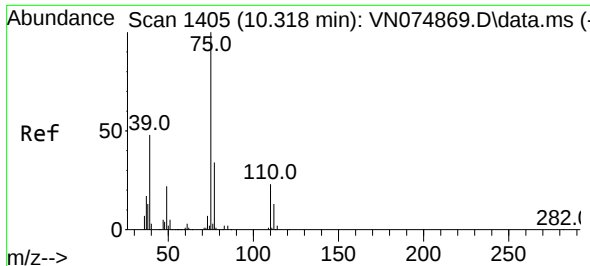
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#48
t-1,3-Dichloropropene
Concen: 51.308 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

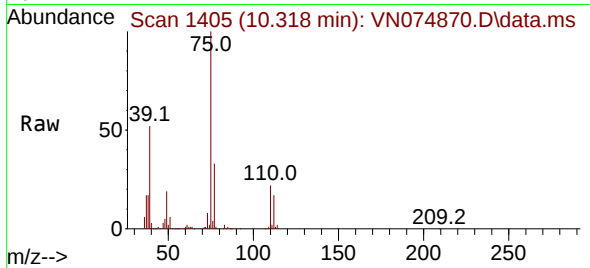
Tgt Ion: 75 Resp: 547500
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.8





#49
cis-1,3-Dichloropropene
Concen: 50.455 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

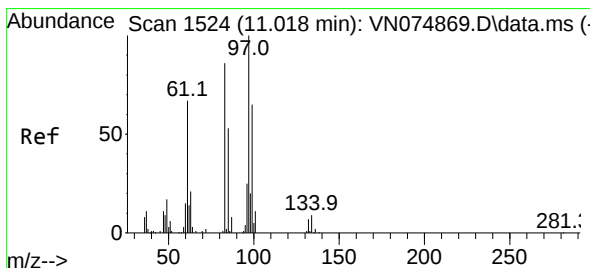
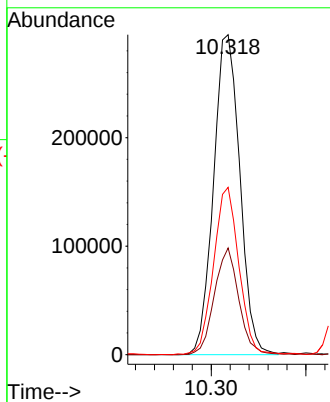
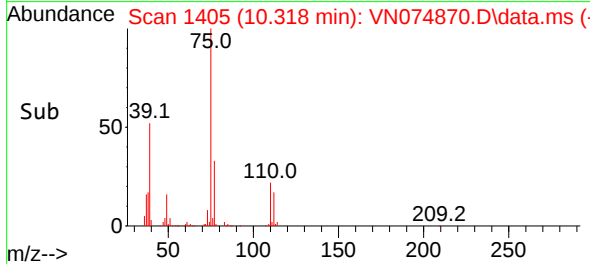
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 75 Resp: 569032
Ion Ratio Lower Upper
75 100
77 33.4 22.5 33.7
39 52.1 37.6 56.4

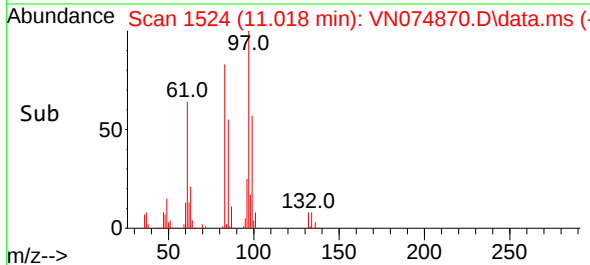
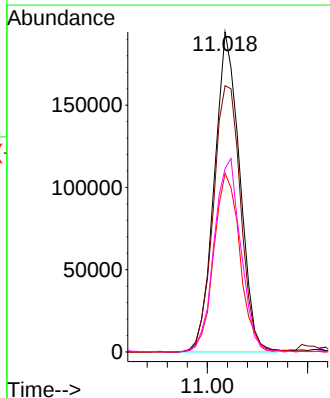
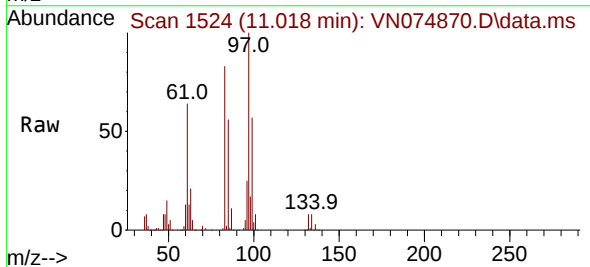
Manual Integrations
APPROVED

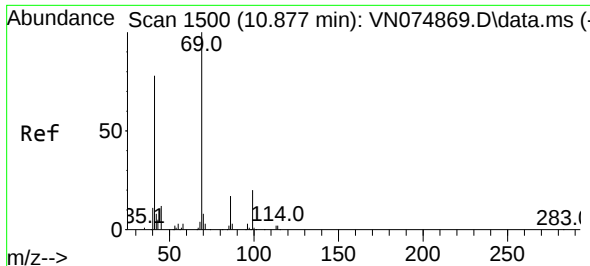
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#50
1,1,2-Trichloroethane
Concen: 48.715 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

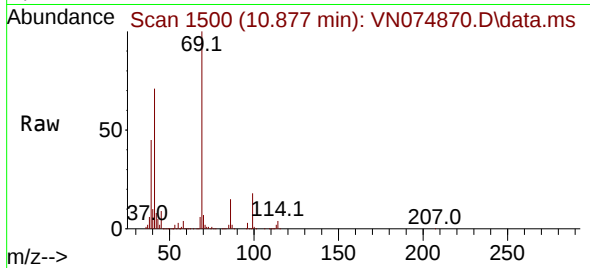
Tgt Ion: 97 Resp: 341220
Ion Ratio Lower Upper
97 100
83 83.2 69.2 103.8
85 55.7 41.4 62.2
99 57.3 46.3 69.5





#51
Ethyl methacrylate
Concen: 50.603 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

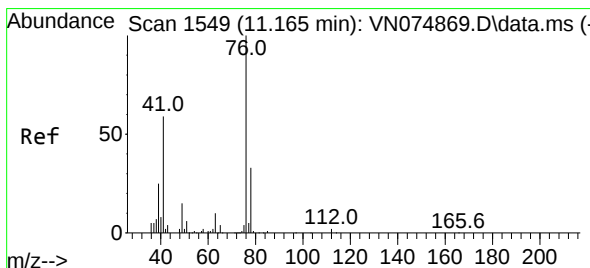
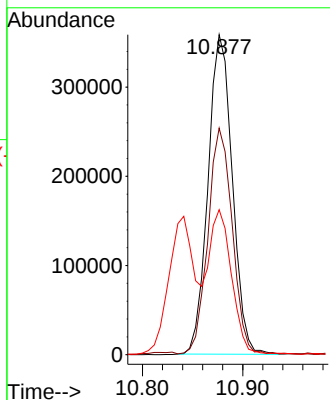
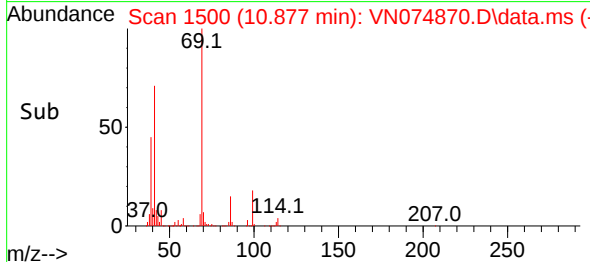
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 69 Resp: 60273
Ion Ratio Lower Upper
69 100
41 70.7 32.5 97.5
39 44.9 21.5 64.5

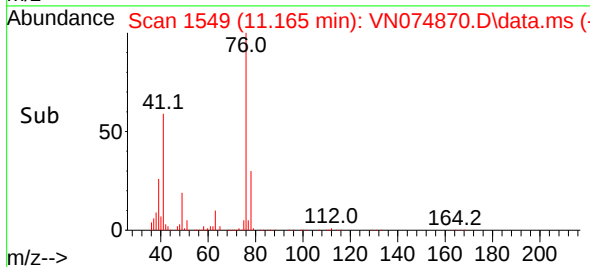
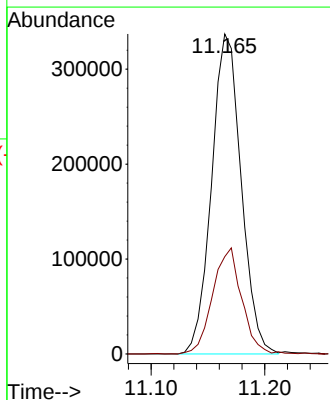
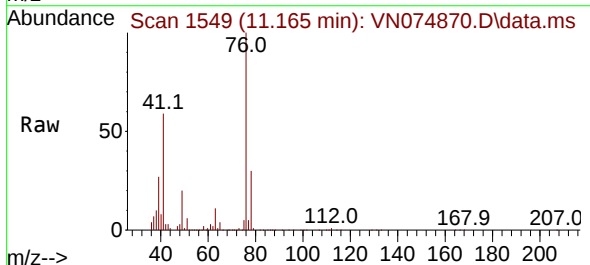
Manual Integrations
APPROVED

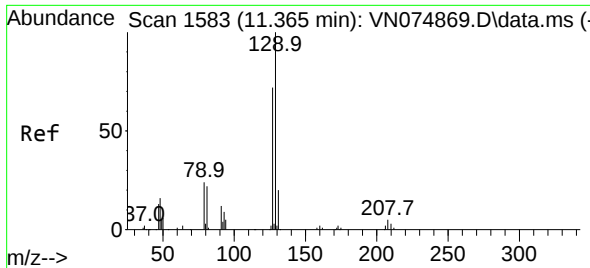
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#52
1,3-Dichloropropane
Concen: 50.489 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Tgt Ion: 76 Resp: 610419
Ion Ratio Lower Upper
76 100
78 32.2 0.0 63.8





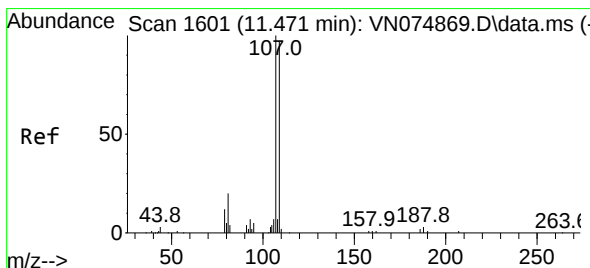
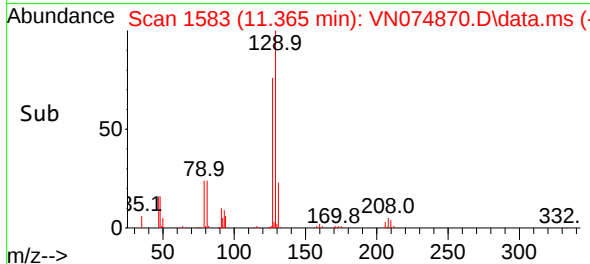
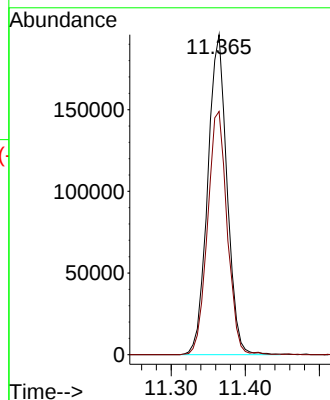
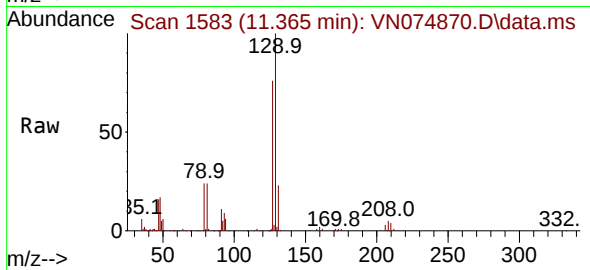
#53
Dibromochloromethane
Concen: 51.615 ug/l
RT: 11.365 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:129 Resp: 35420
Ion Ratio Lower Upper
129 100
127 76.9 40.6 121.7

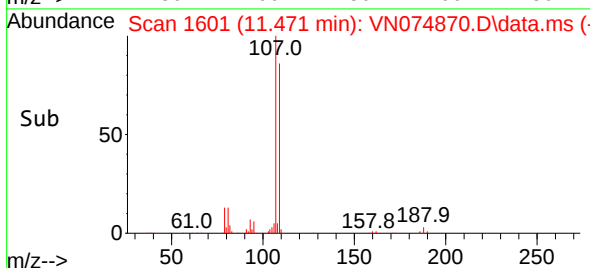
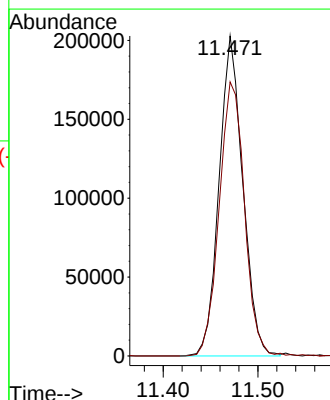
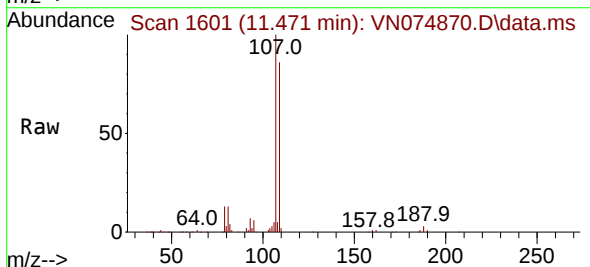
Manual Integrations
APPROVED

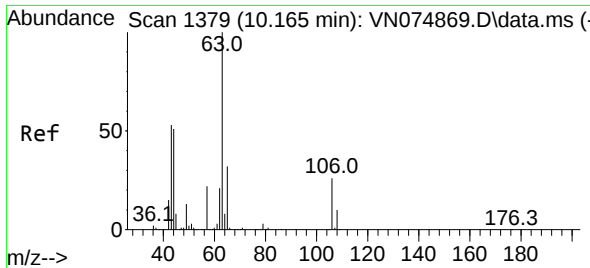
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#54
1,2-Dibromoethane
Concen: 52.435 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Tgt Ion:107 Resp: 352875
Ion Ratio Lower Upper
107 100
109 90.9 76.2 114.2





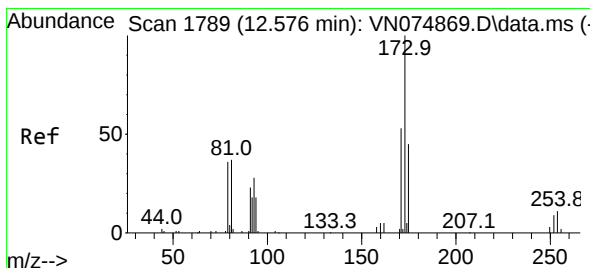
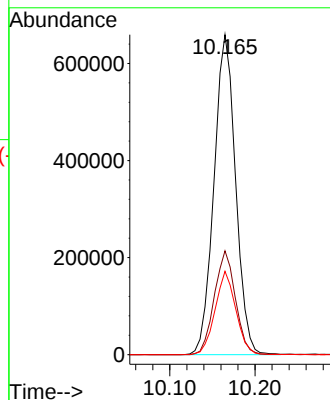
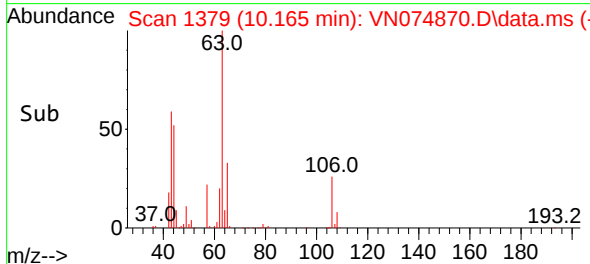
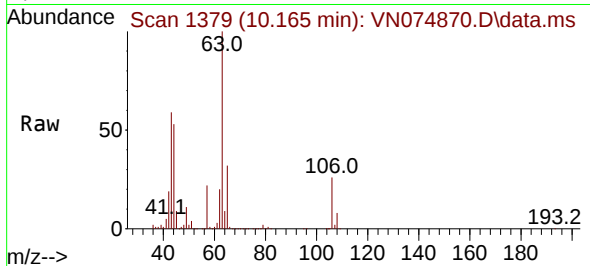
#55
2-Chloroethyl vinyl ether
Concen: 249.566 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 63 Resp: 1162738
Ion Ratio Lower Upper
63 100
65 31.7 24.6 36.8
106 25.0 21.3 31.9

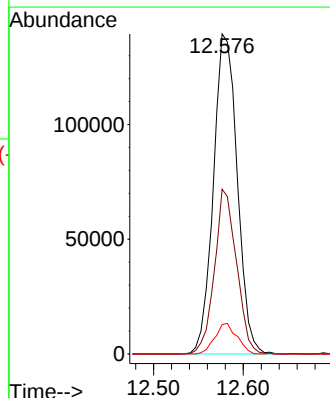
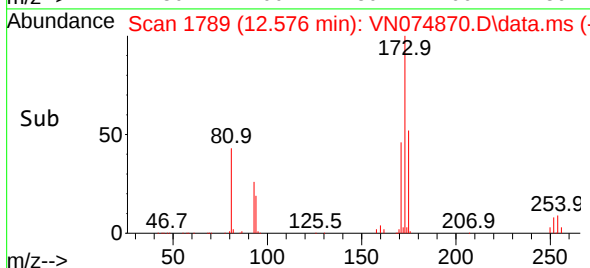
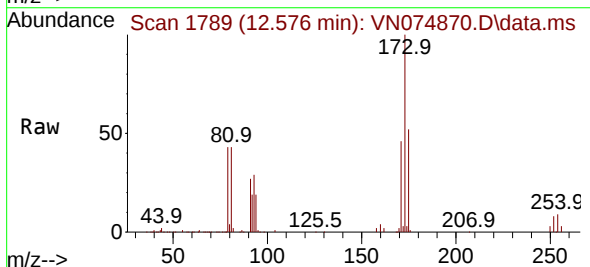
Manual Integrations
APPROVED

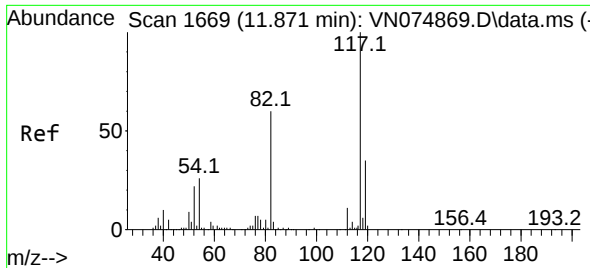
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#56
Bromoform
Concen: 52.016 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Tgt Ion:173 Resp: 257233
Ion Ratio Lower Upper
173 100
175 47.5 39.1 58.7
254 8.8 7.0 10.6





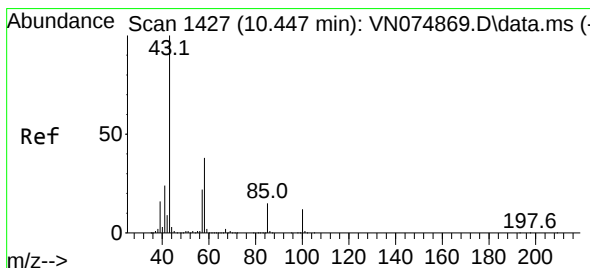
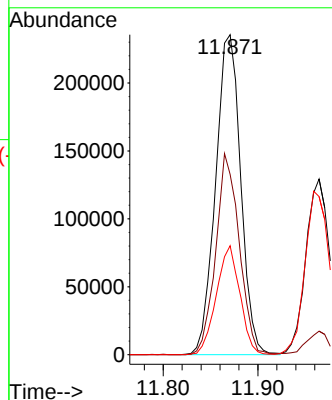
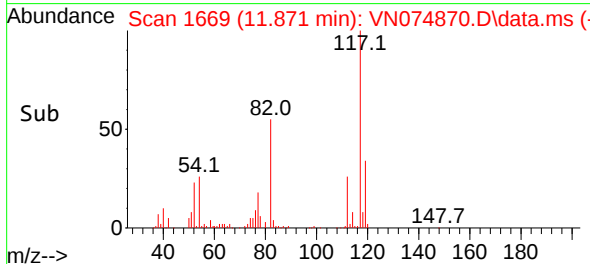
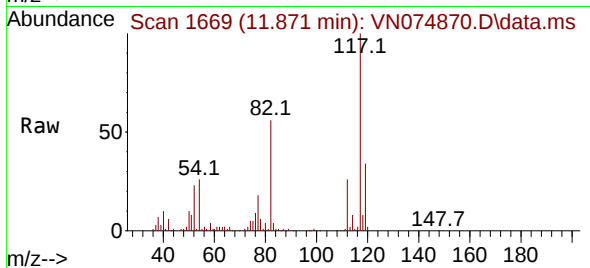
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:117 Resp: 43447
Ion Ratio Lower Upper
117 100
82 58.7 44.6 67.0
119 31.9 25.6 38.4

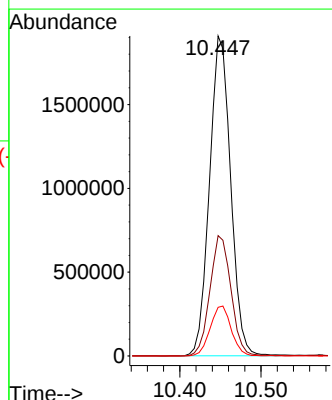
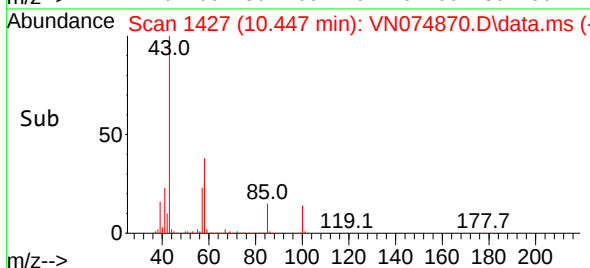
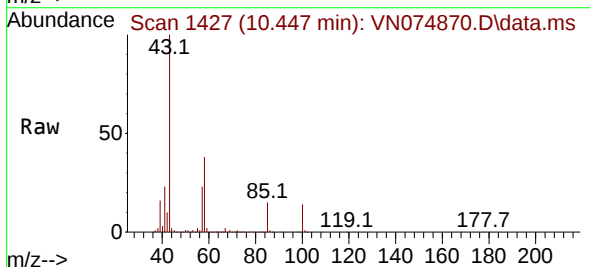
Manual Integrations
APPROVED

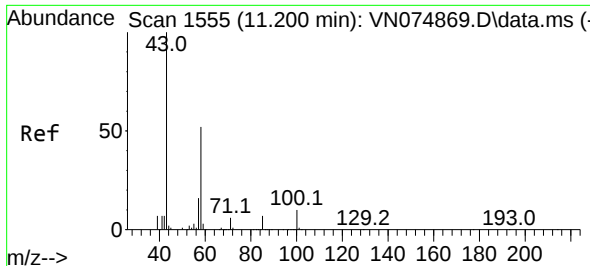
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#58
4-Methyl-2-Pentanone
Concen: 255.715 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

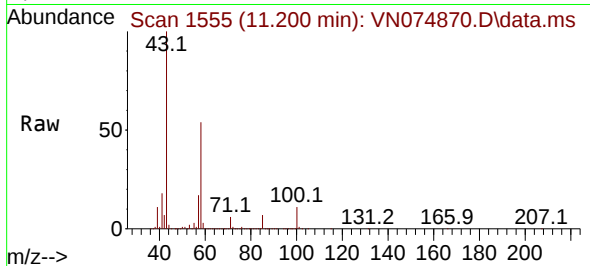
Tgt Ion: 43 Resp: 3455246
Ion Ratio Lower Upper
43 100
58 37.3 30.8 46.2
85 15.6 13.3 19.9





#59
2-Hexanone
Concen: 258.312 ug/l
RT: 11.200 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

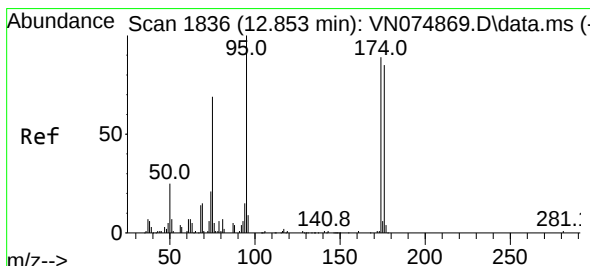
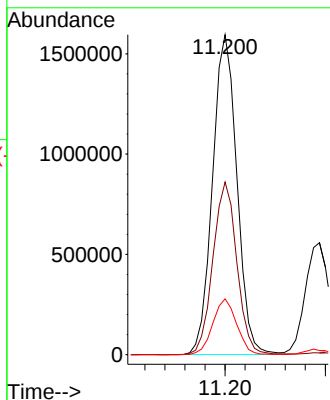
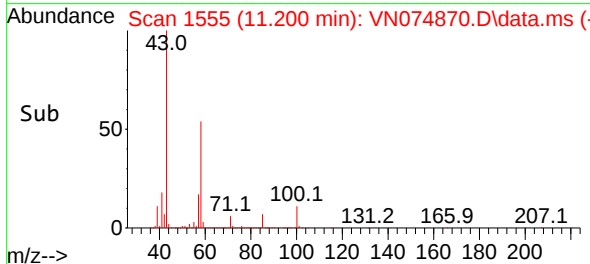
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



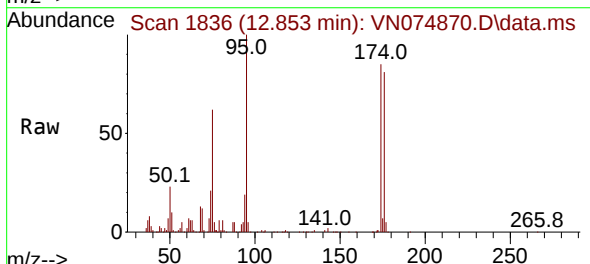
Tgt Ion: 43 Resp: 268617
Ion Ratio Lower Upper
43 100
58 53.1 43.6 65.4
57 17.1 14.3 21.5

Manual Integrations
APPROVED

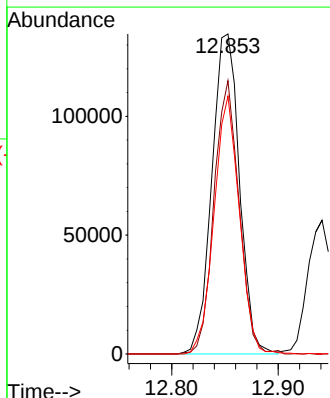
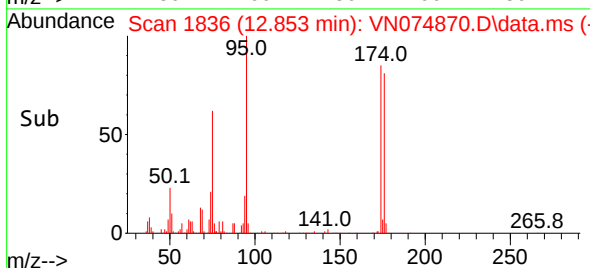
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

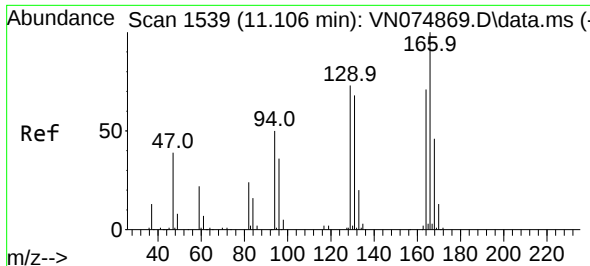


#60
4-Bromofluorobenzene
Concen: 31.488 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26



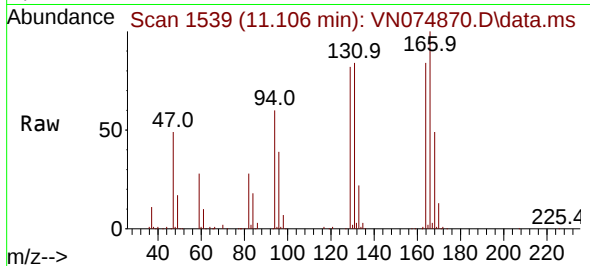
Tgt Ion: 95 Resp: 242612
Ion Ratio Lower Upper
95 100
174 77.1 57.8 86.8
176 73.8 57.0 85.4





#61
Tetrachloroethene
Concen: 49.935 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

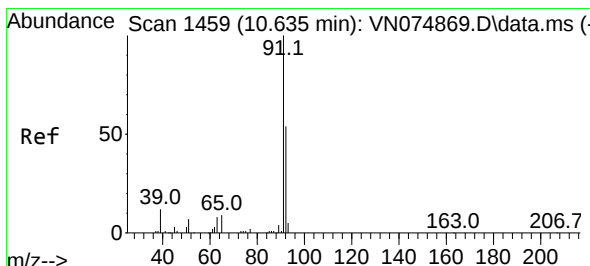
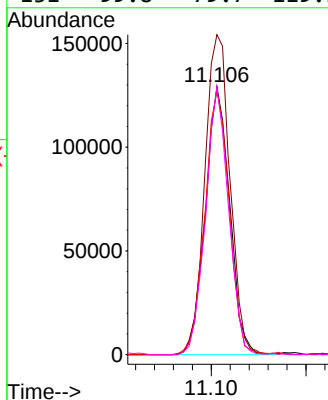
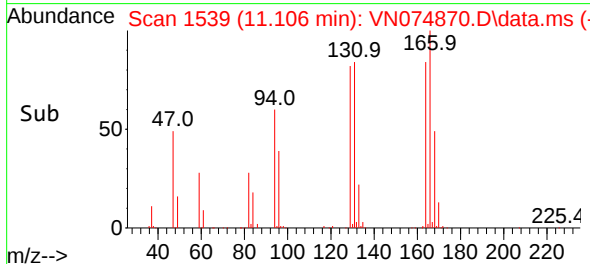
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



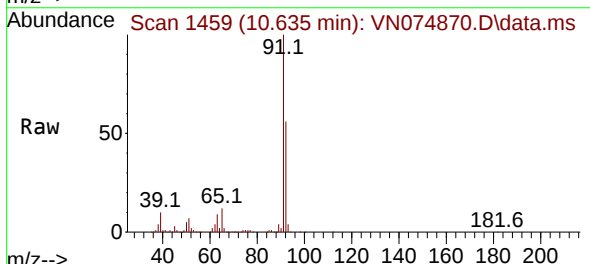
Tgt Ion:164 Resp: 231292
Ion Ratio Lower Upper
164 100
166 118.9 99.6 149.4
129 97.9 84.0 126.0
131 99.8 79.7 119.5

Manual Integrations
APPROVED

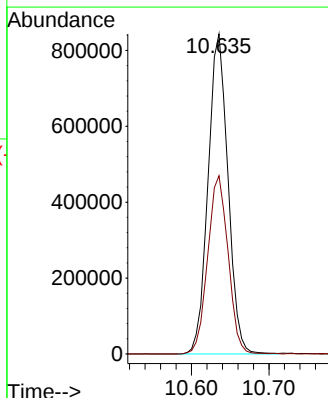
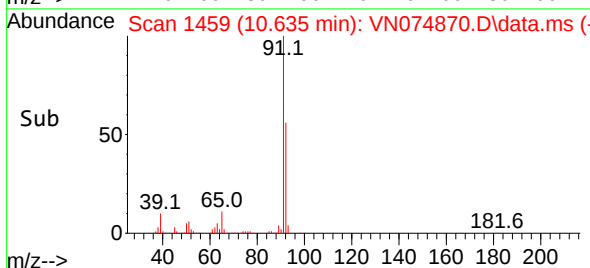
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

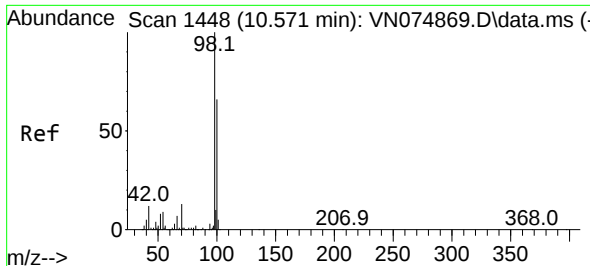


#62
Toluene
Concen: 50.103 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26



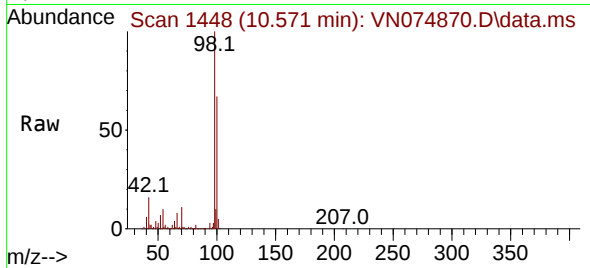
Tgt Ion: 91 Resp: 1503924
Ion Ratio Lower Upper
91 100
92 57.1 46.0 69.0





#63
Toluene-d8
Concen: 30.002 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

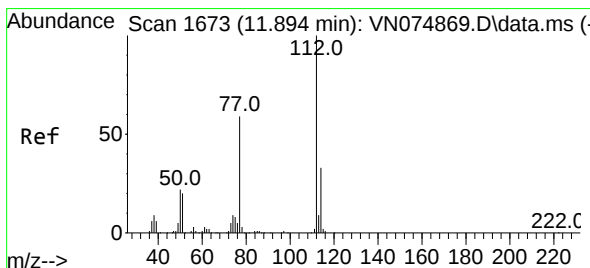
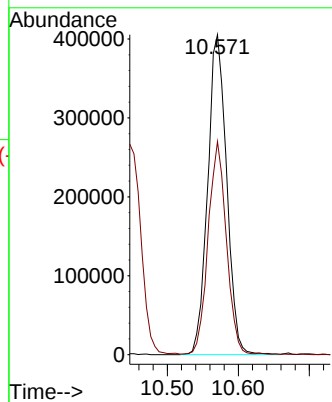
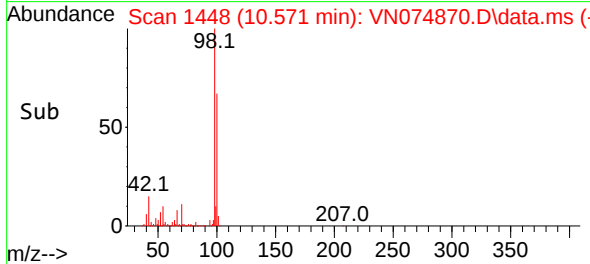
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



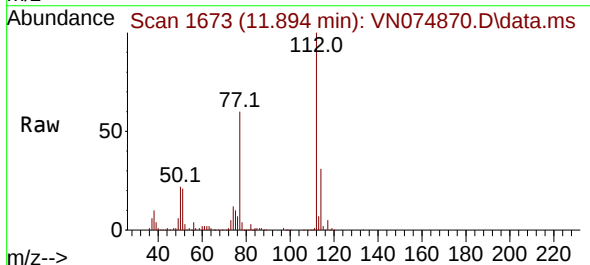
Tgt Ion: 98 Resp: 752318
Ion Ratio Lower Upper
98 100
100 64.1 52.7 79.1

Manual Integrations
APPROVED

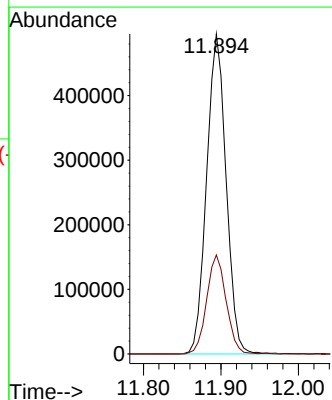
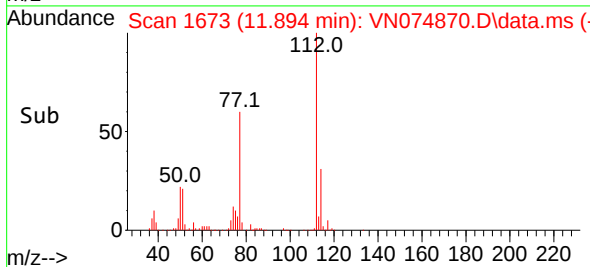
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

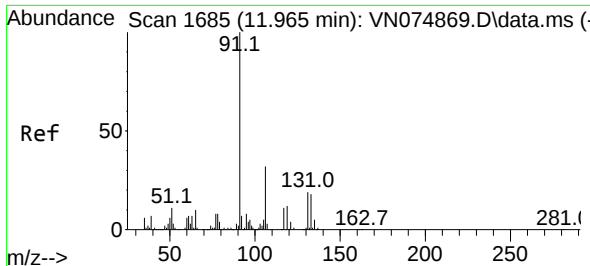


#64
Chlorobenzene
Concen: 50.752 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26



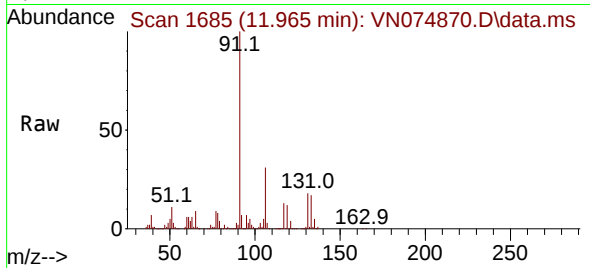
Tgt Ion:112 Resp: 865915
Ion Ratio Lower Upper
112 100
114 30.9 24.7 37.1





#65
1,1,1,2-Tetrachloroethane
Concen: 50.237 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

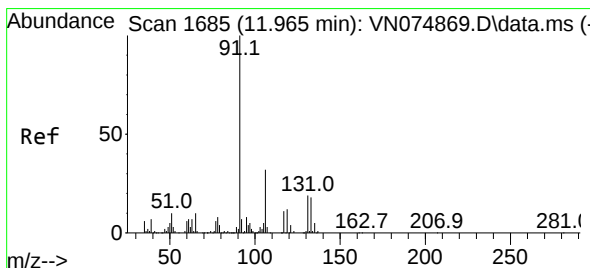
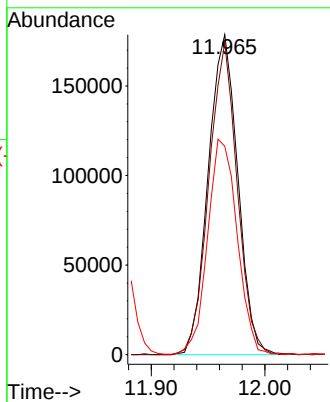
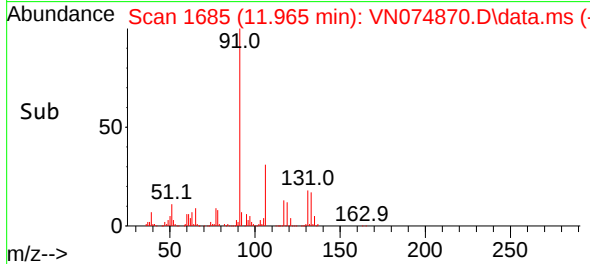
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion:131 Resp: 322840
Ion Ratio Lower Upper
131 100
133 94.0 0.0 191.8
119 67.5 0.0 135.8

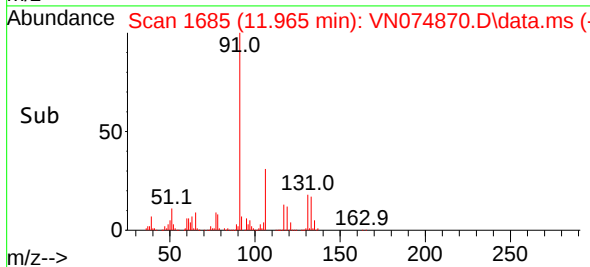
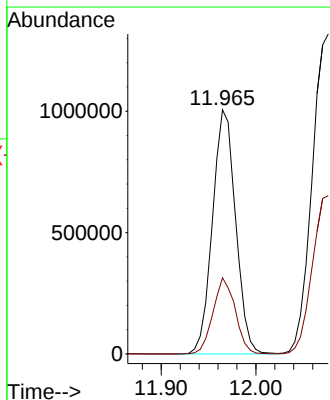
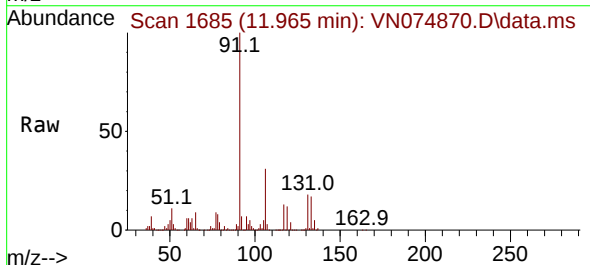
Manual Integrations
APPROVED

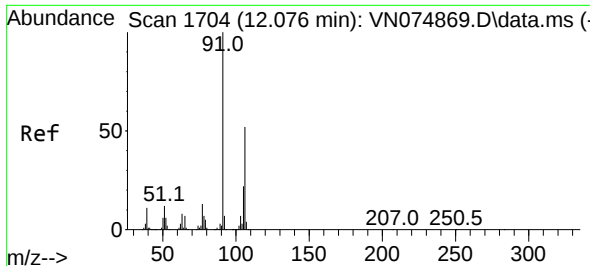
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#66
Ethyl Benzene
Concen: 52.334 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Tgt Ion: 91 Resp: 1708189
Ion Ratio Lower Upper
91 100
106 31.2 24.1 36.1





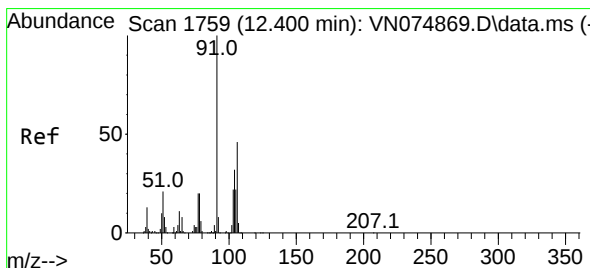
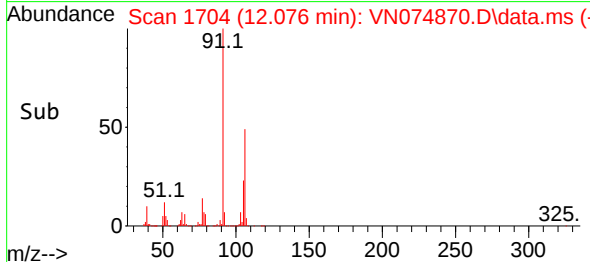
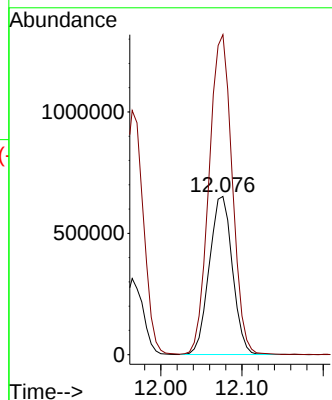
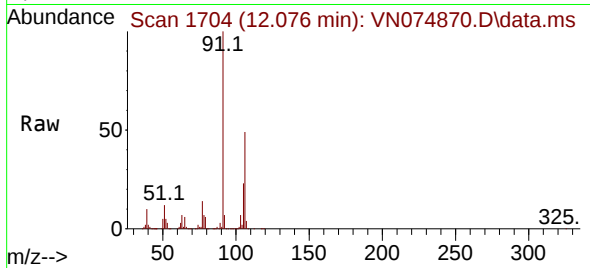
#67
m/p-Xylenes
Concen: 105.261 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion:106 Resp: 1290722
Ion Ratio Lower Upper
106 100
91 202.8 164.2 246.4

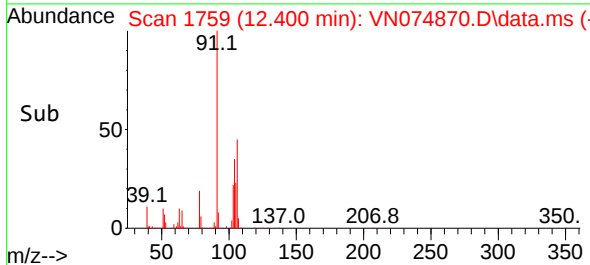
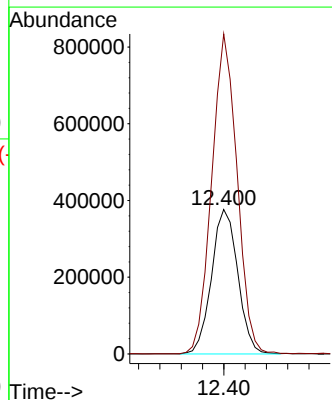
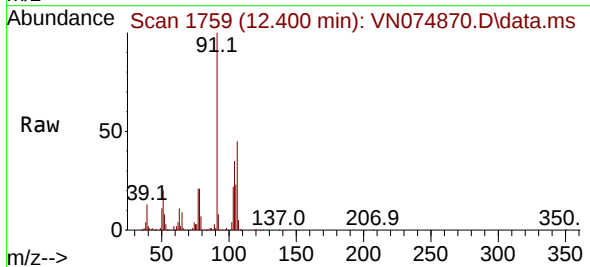
Manual Integrations
APPROVED

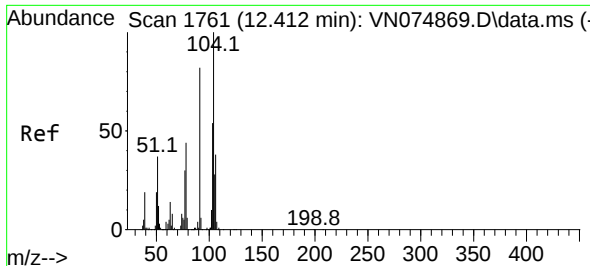
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#68
o-Xylene
Concen: 51.726 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

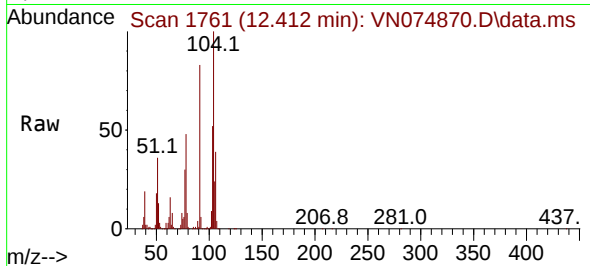
Tgt Ion:106 Resp: 644725
Ion Ratio Lower Upper
106 100
91 213.8 108.5 325.5





#69
Styrene
Concen: 52.609 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

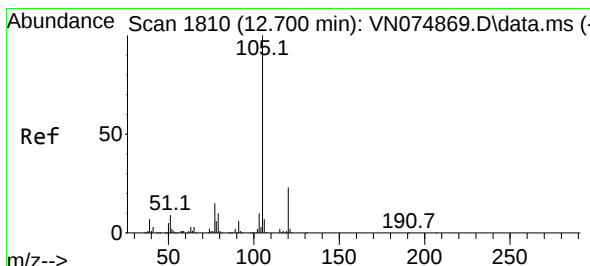
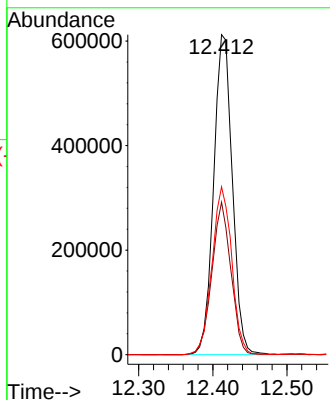
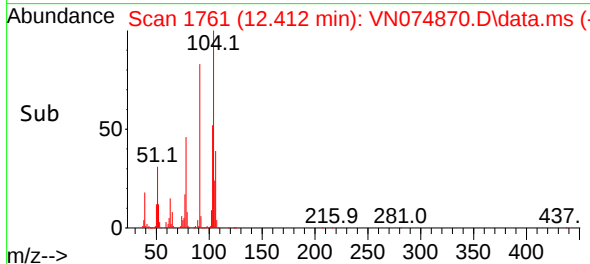
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



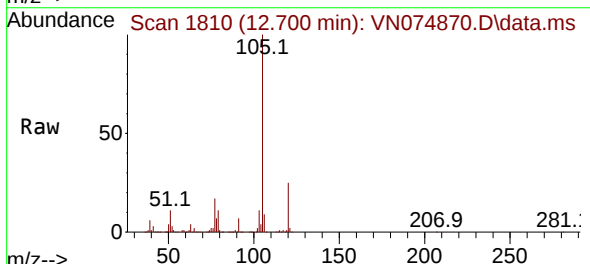
Tgt Ion:104 Resp: 107324
Ion Ratio Lower Upper
104 100
78 48.4 39.9 59.9
103 55.2 43.8 65.8

Manual Integrations
APPROVED

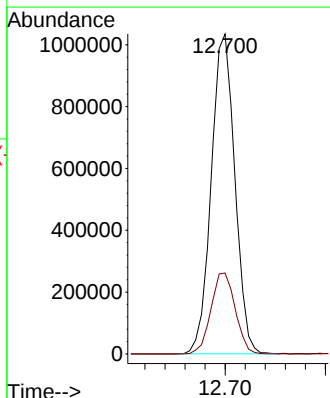
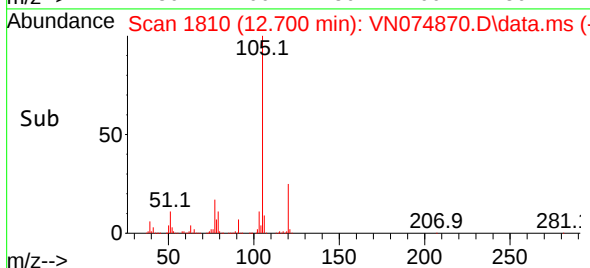
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

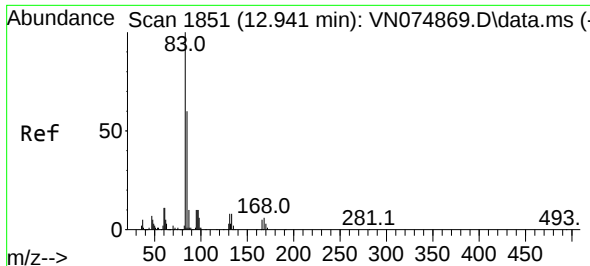


#70
Isopropylbenzene
Concen: 52.552 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26



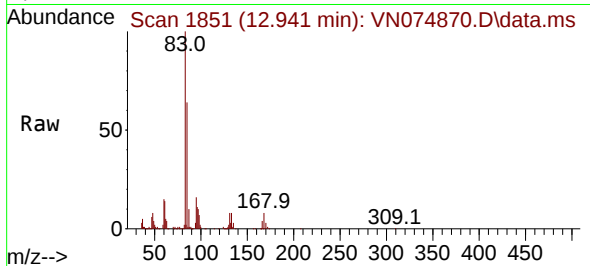
Tgt Ion:105 Resp: 1689347
Ion Ratio Lower Upper
105 100
120 26.1 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 50.434 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

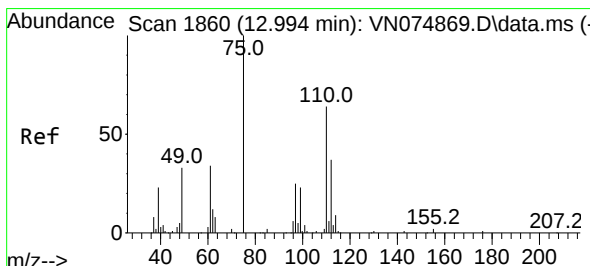
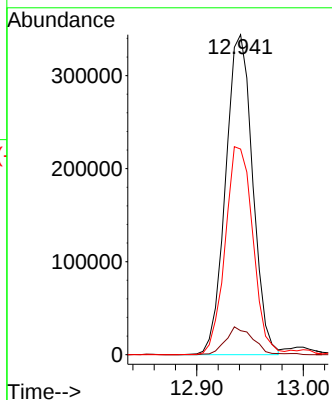
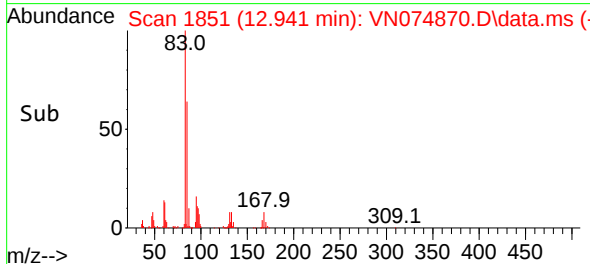
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion: 83 Resp: 606472
Ion Ratio Lower Upper
83 100
131 8.7 4.5 13.5
85 66.4 30.9 92.7

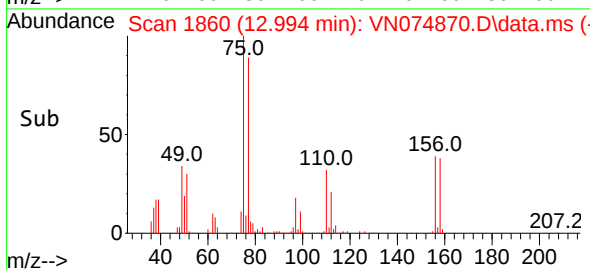
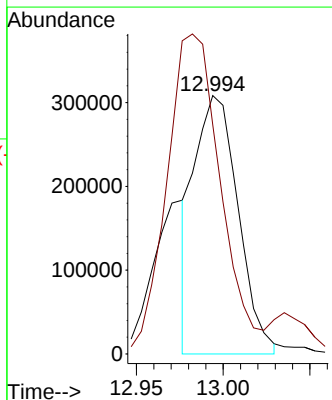
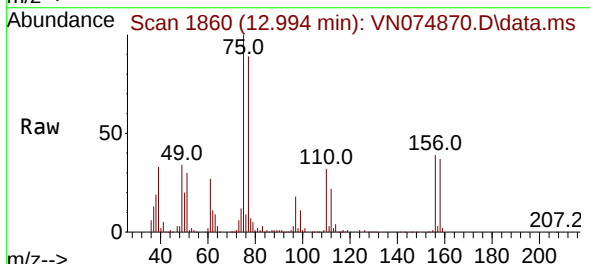
Manual Integrations
APPROVED

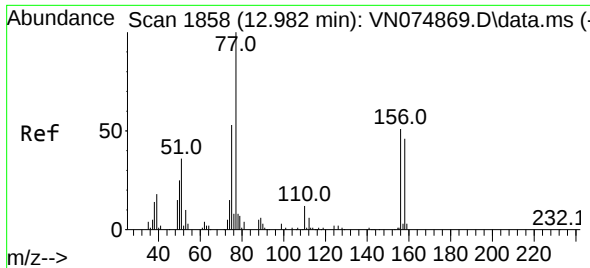
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#72
1,2,3-Trichloropropane
Concen: 55.157 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Tgt Ion: 75 Resp: 539411
Ion Ratio Lower Upper
75 100
77 152.9 0.0 372.4





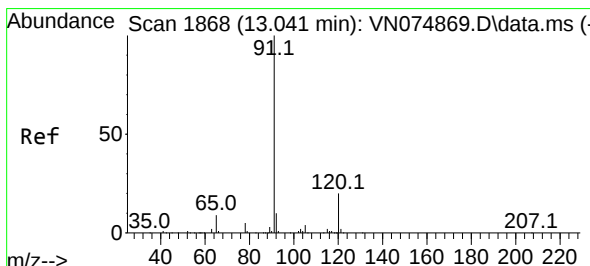
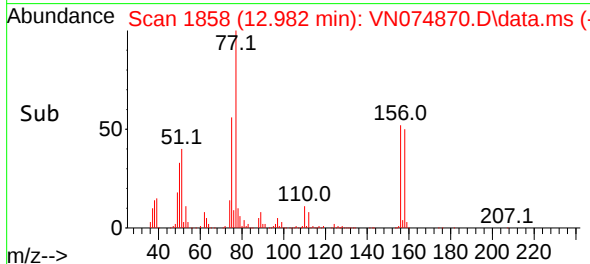
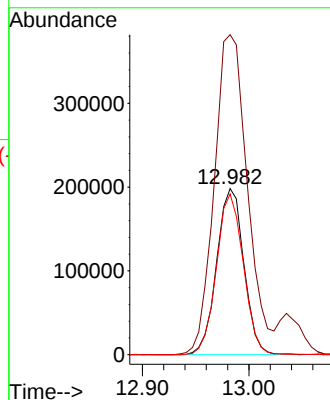
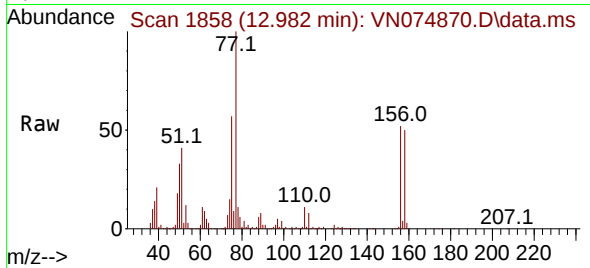
#73
Bromobenzene
Concen: 52.135 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 156 Resp: 35120
Ion Ratio Lower Upper
156 100
77 234.9 0.0 491.8
158 95.6 0.0 185.0

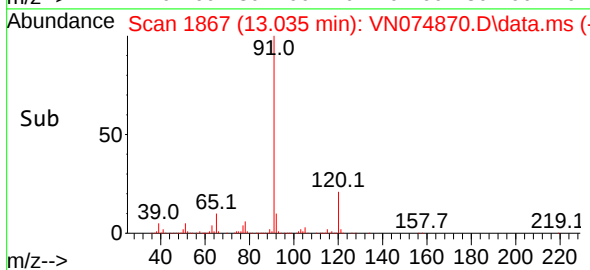
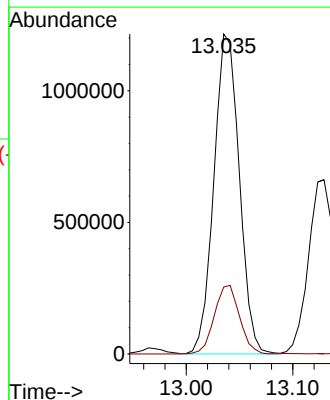
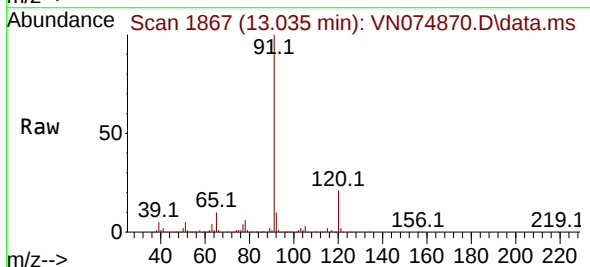
Manual Integrations
APPROVED

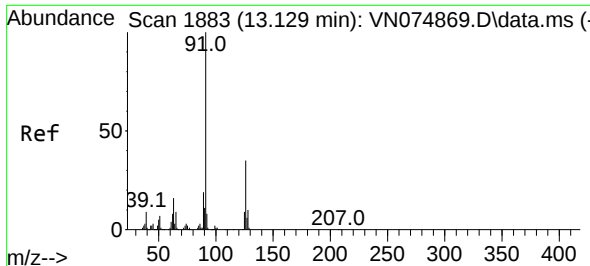
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#74
n-propylbenzene
Concen: 53.722 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

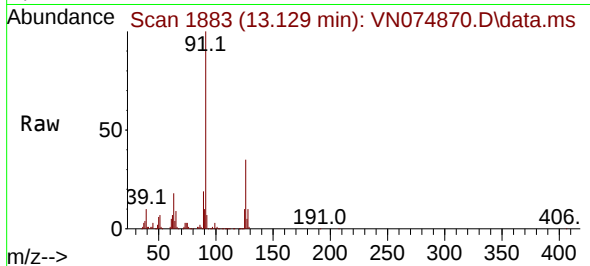
Tgt Ion: 91 Resp: 2013527
Ion Ratio Lower Upper
91 100
120 21.2 0.0 44.6





#75
2-Chlorotoluene
Concen: 52.788 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

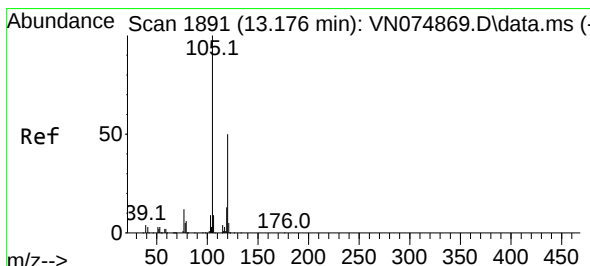
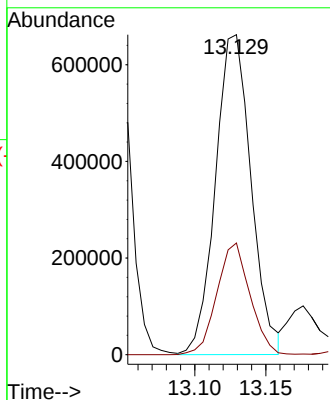
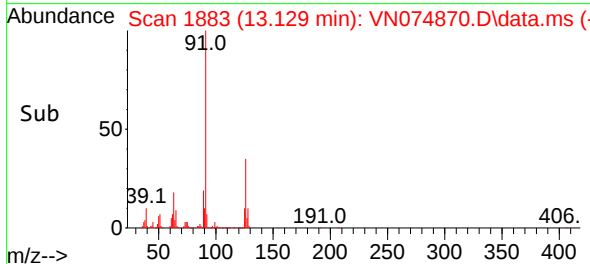
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



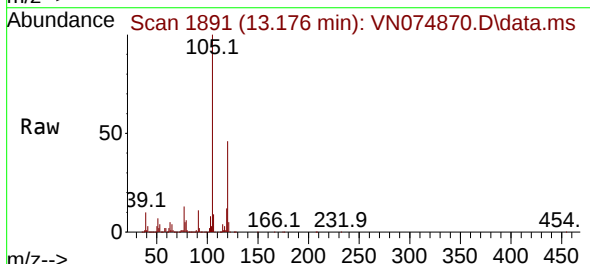
Tgt Ion: 91 Resp: 1157439
Ion Ratio Lower Upper
91 100
126 32.4 0.0 66.2

Manual Integrations
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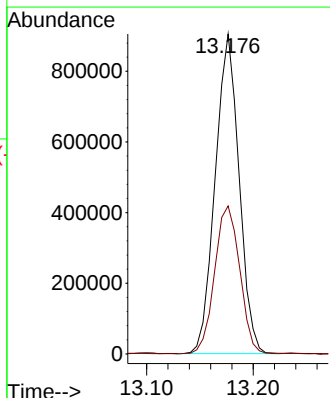
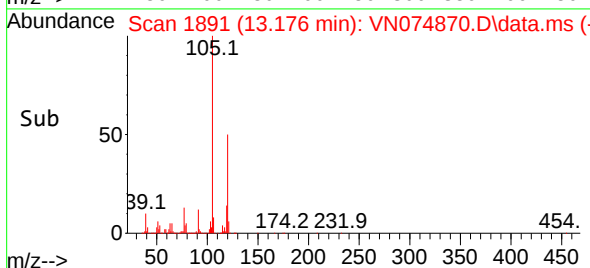
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022

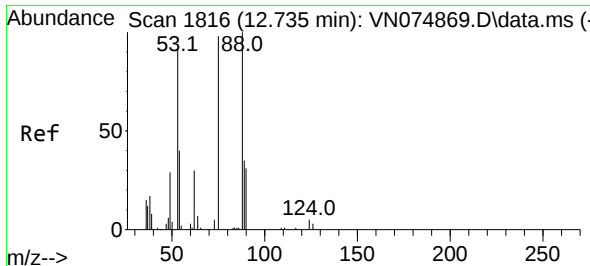


#76
1,3,5-Trimethylbenzene
Concen: 53.867 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26



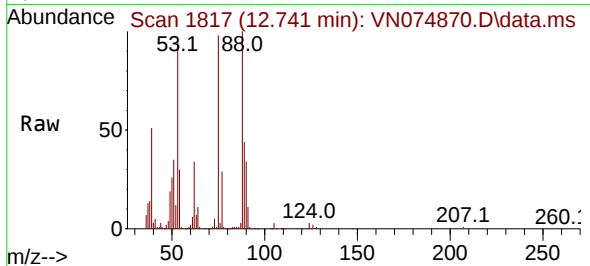
Tgt Ion:105 Resp: 1407163
Ion Ratio Lower Upper
105 100
120 48.7 0.0 97.4





#77
t-1,4-Dichloro-2-butene
Concen: 51.440 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

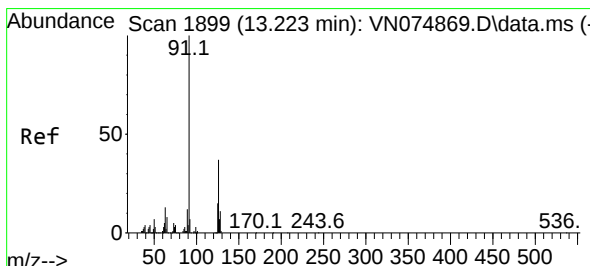
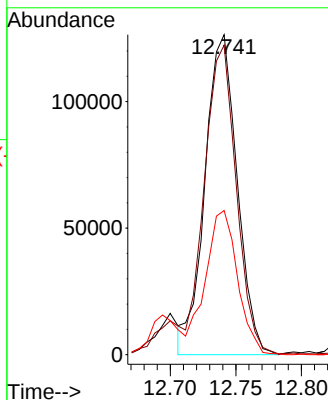
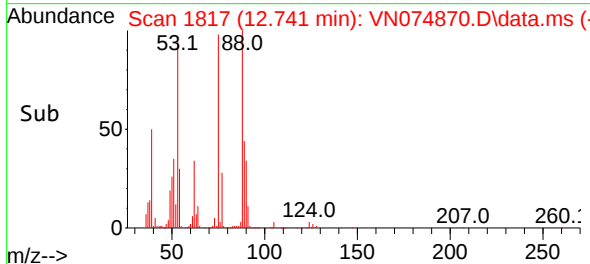
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 75 Resp: 215908
Ion Ratio Lower Upper
75 100
53 96.5 43.3 129.9
89 44.8 21.1 63.1

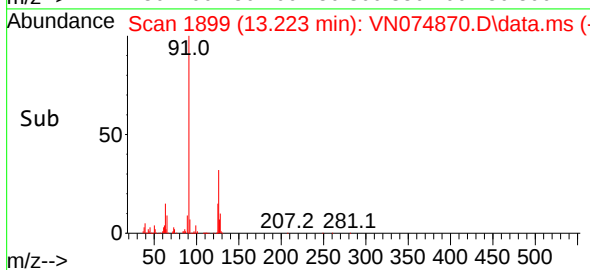
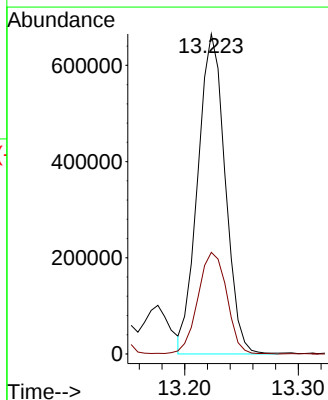
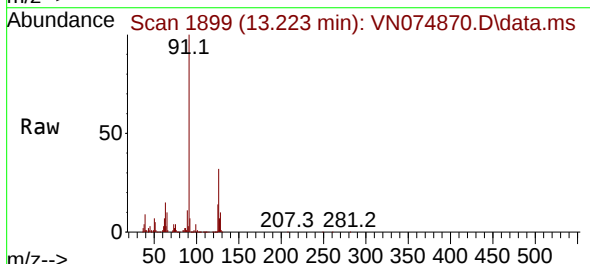
Manual Integrations
APPROVED

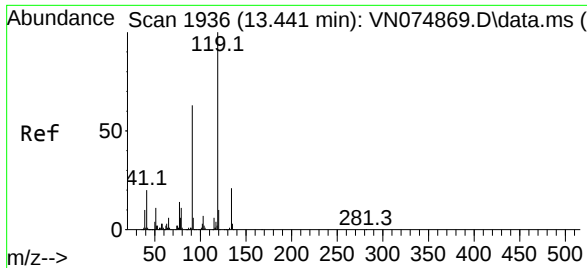
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#78
4-Chlorotoluene
Concen: 51.607 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Tgt Ion: 91 Resp: 1113899
Ion Ratio Lower Upper
91 100
126 33.4 0.0 67.8





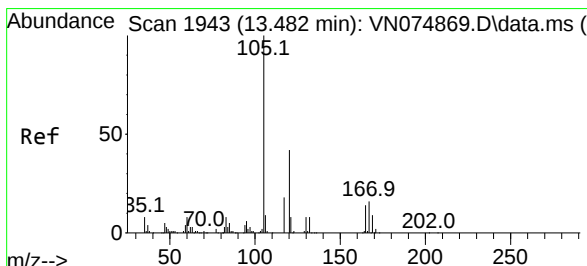
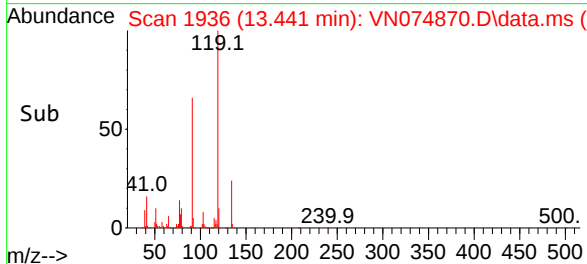
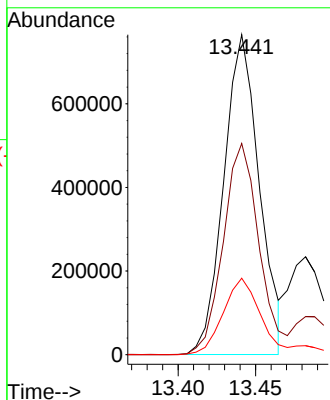
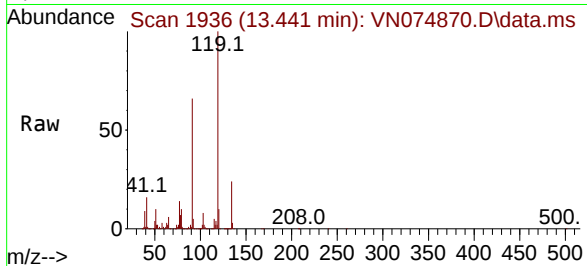
#79
tert-butylbenzene
Concen: 52.526 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:119 Resp: 122056
Ion Ratio Lower Upper
119 100
91 66.5 0.0 129.0
134 24.8 0.0 52.2

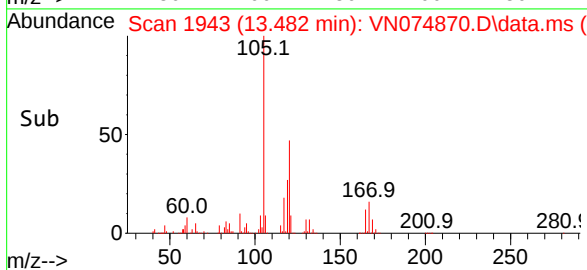
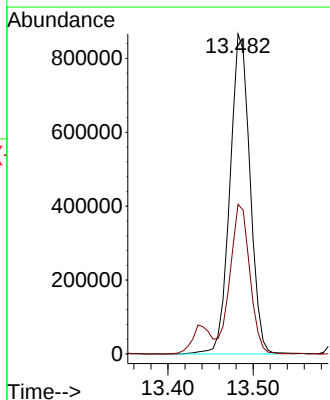
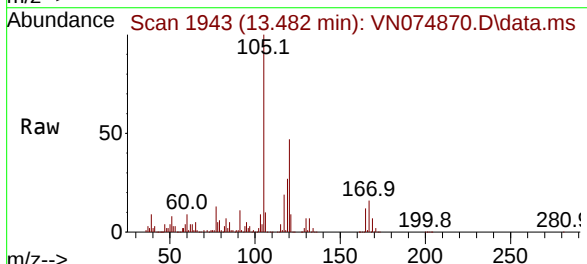
Manual Integrations
APPROVED

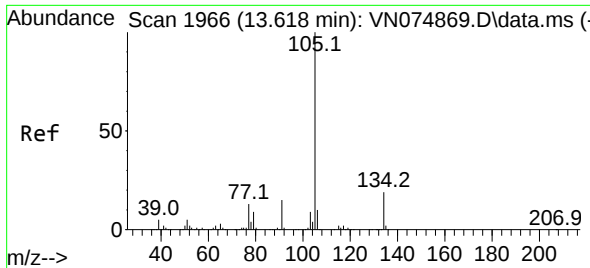
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#80
1,2,4-Trimethylbenzene
Concen: 53.847 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Tgt Ion:105 Resp: 1415345
Ion Ratio Lower Upper
105 100
120 46.2 0.0 93.2





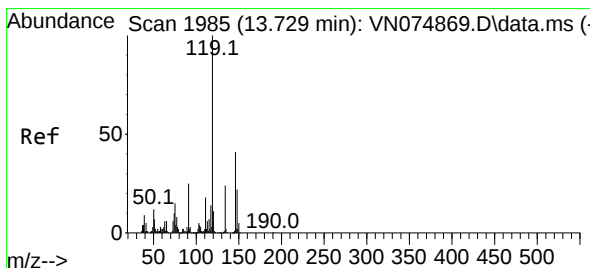
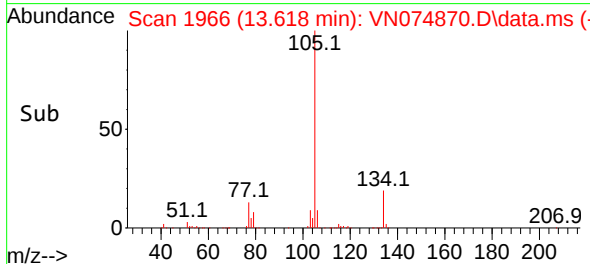
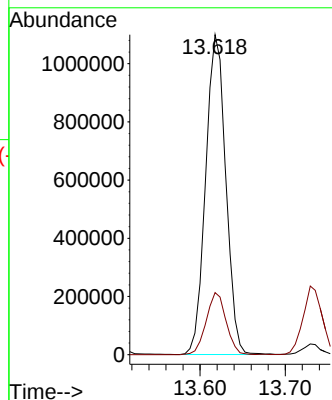
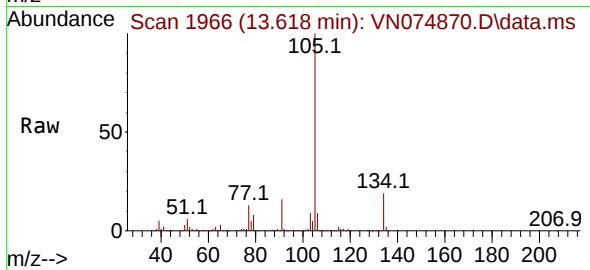
#81
 sec-Butylbenzene
 Concen: 54.088 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN074870.D
 Acq: 12 Oct 2022 11:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:105 Resp: 180636
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.8

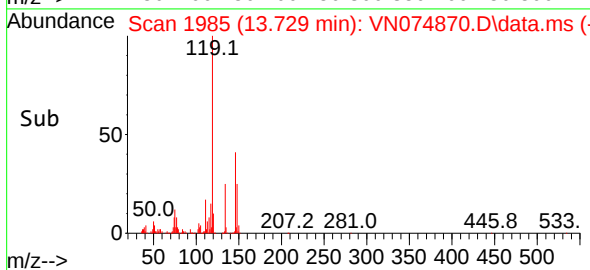
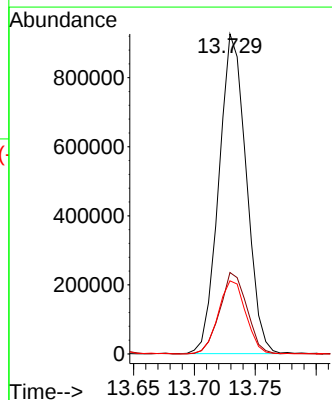
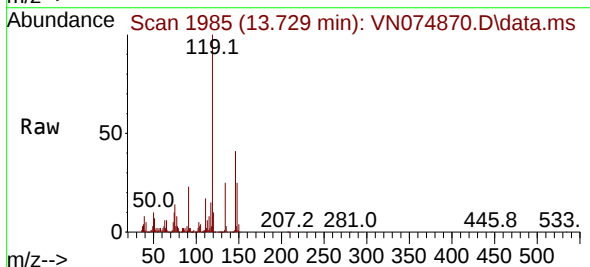
Manual Integrations
 APPROVED

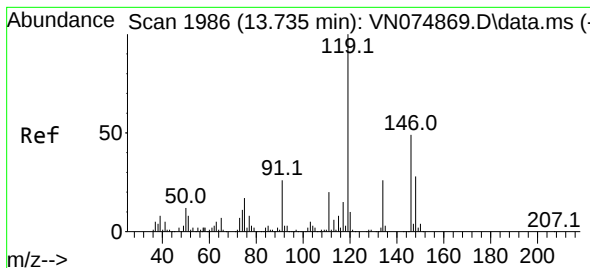
Reviewed By :John Carlone 10/13/2022
 Supervised By :Mahesh Dadoda 10/14/2022



#82
 p-Isopropyltoluene
 Concen: 54.642 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN074870.D
 Acq: 12 Oct 2022 11:26

Tgt Ion:119 Resp: 1449957
 Ion Ratio Lower Upper
 119 100
 134 25.3 0.0 51.4
 91 23.0 0.0 46.8





#83

1,3-Dichlorobenzene

Concen: 53.411 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN074870.D

Acq: 12 Oct 2022 11:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

Tgt Ion:146 Resp: 702063

Ion Ratio Lower Upper

146 100

111 41.3 20.5 61.5

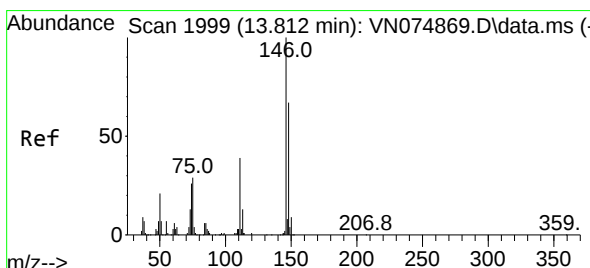
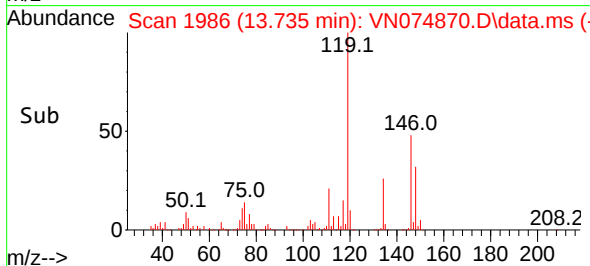
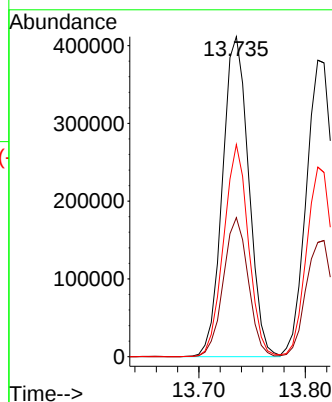
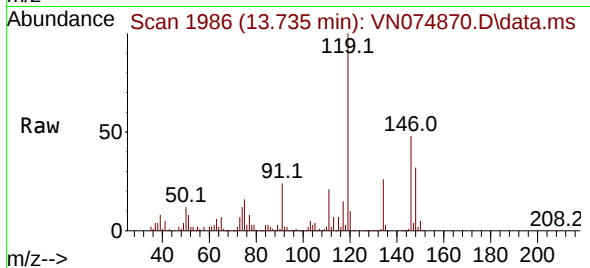
148 62.7 31.0 93.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2022

Supervised By :Mahesh Dadoda 10/14/2022



#84

1,4-Dichlorobenzene

Concen: 53.760 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN074870.D

Acq: 12 Oct 2022 11:26

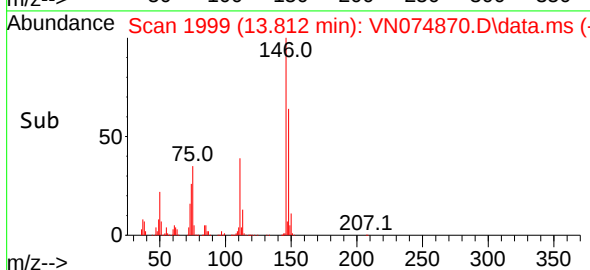
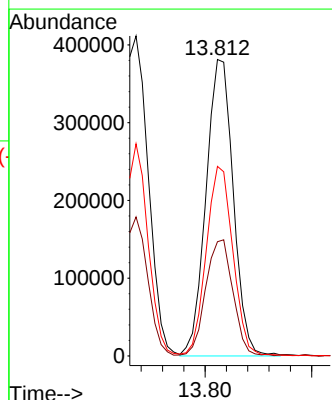
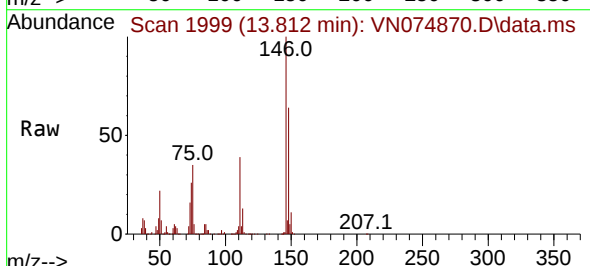
Tgt Ion:146 Resp: 678744

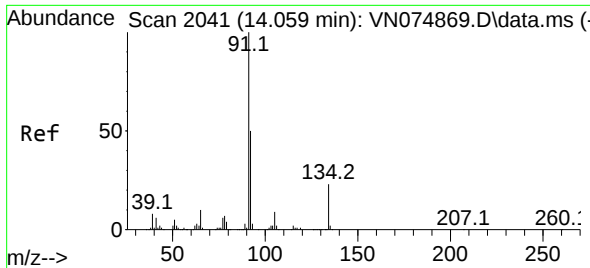
Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.5

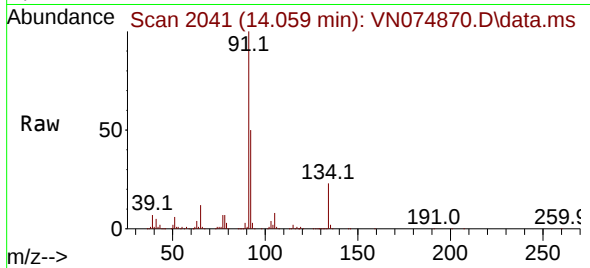
148 62.4 31.7 95.1





#85
n-Butylbenzene
Concen: 54.073 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

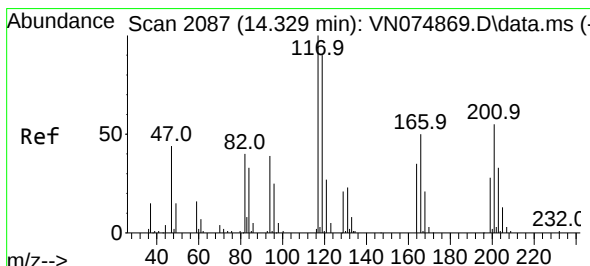
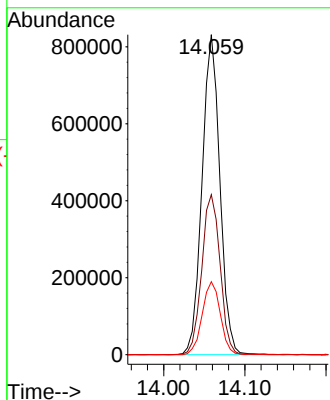
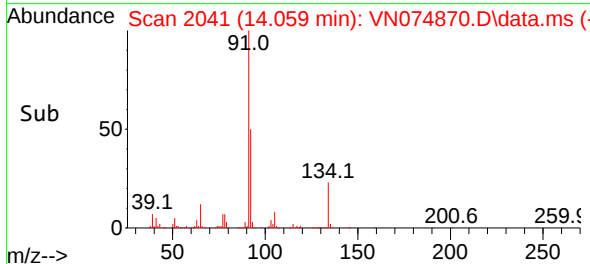
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



Tgt Ion: 91 Resp: 1266549
Ion Ratio Lower Upper
91 100
92 51.4 0.0 105.4
134 23.1 0.0 46.4

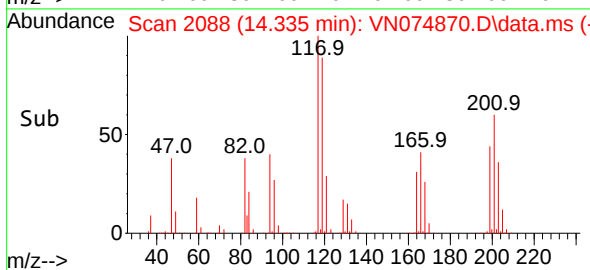
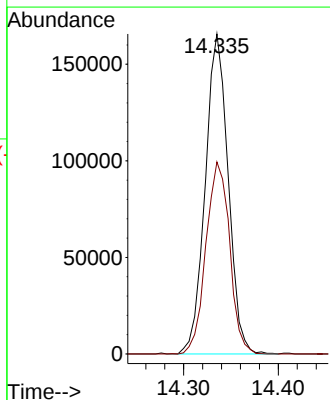
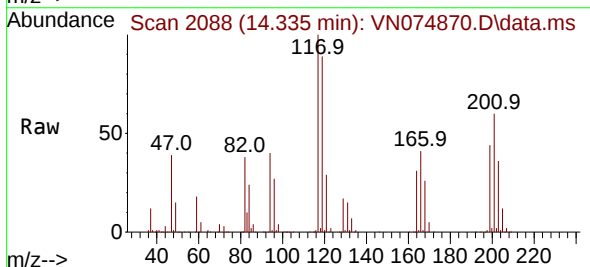
Manual Integrations
APPROVED

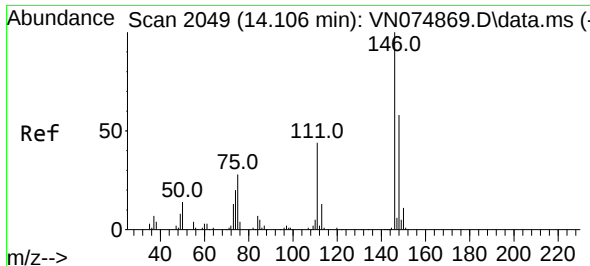
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#86
Hexachloroethane
Concen: 53.655 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.006 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Tgt Ion:117 Resp: 278835
Ion Ratio Lower Upper
117 100
201 61.9 29.4 88.3





#87
1,2-Dichlorobenzene
Concen: 54.190 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

Instrument :

MSVOA_N

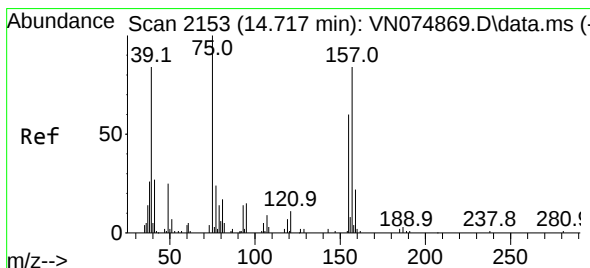
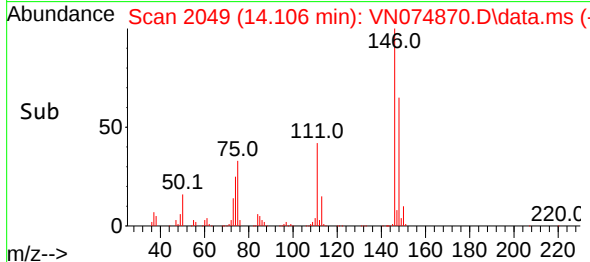
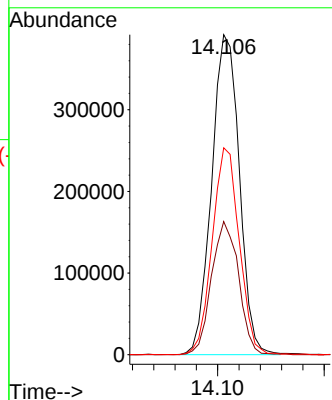
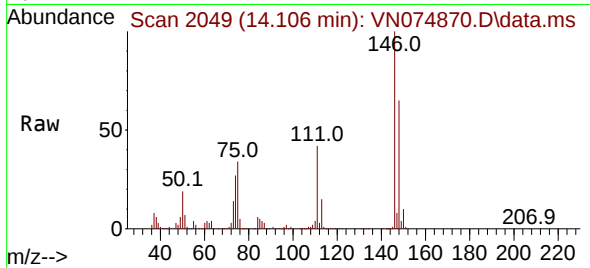
ClientSampleId :

VSTDIC050

Tgt Ion:146 Resp: 70723
Ion Ratio Lower Upper
146 100
111 40.7 21.4 64.2
148 63.1 30.6 92.0

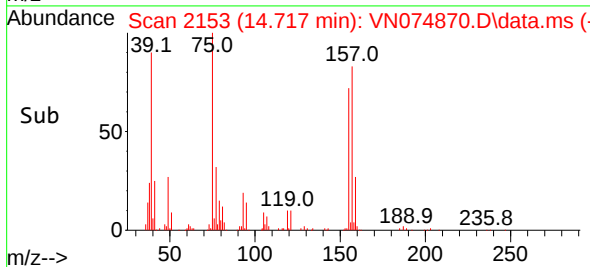
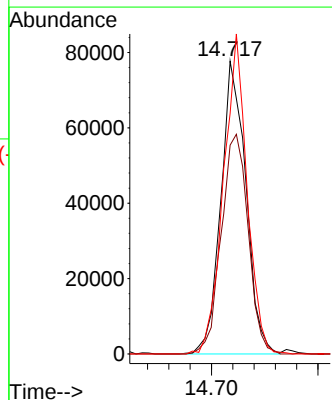
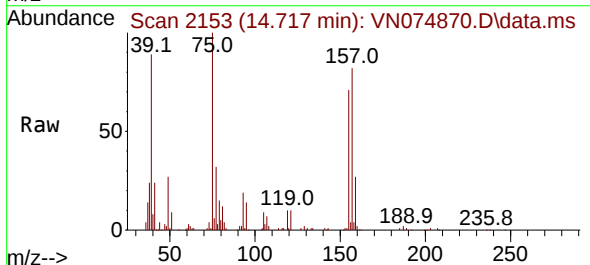
Manual Integrations
APPROVED

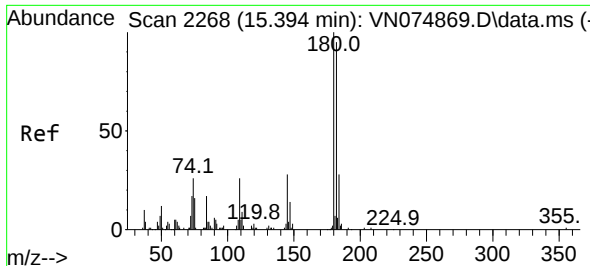
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 52.261 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

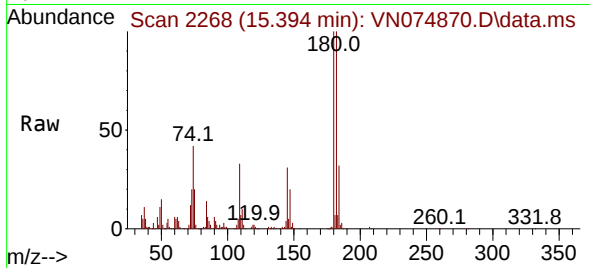
Tgt Ion: 75 Resp: 126836
Ion Ratio Lower Upper
75 100
155 80.5 66.3 99.5
157 101.4 84.3 126.5





#89
1,2,4-Trichlorobenzene
Concen: 52.750 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

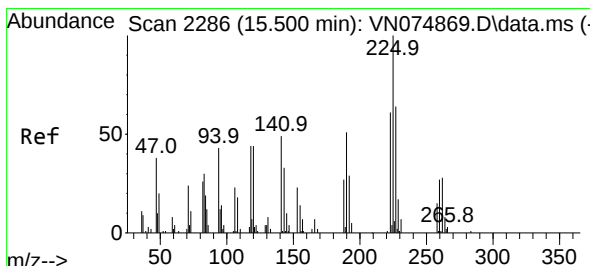
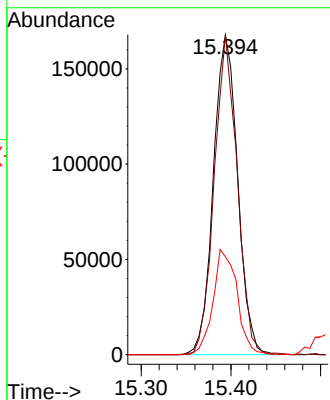
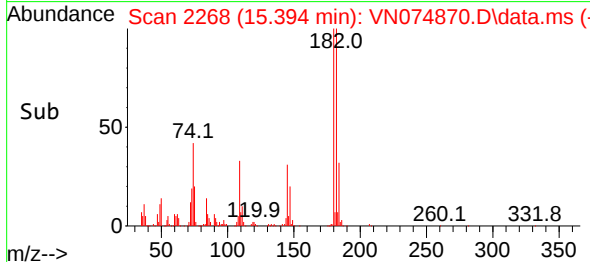
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



Tgt Ion:180 Resp: 31441
Ion Ratio Lower Upper
180 100
182 94.4 74.9 112.3
145 32.5 26.3 39.5

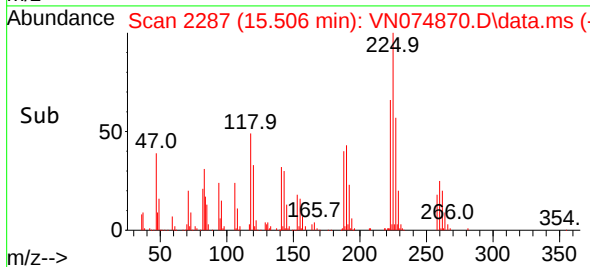
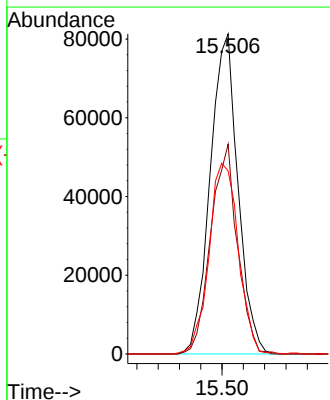
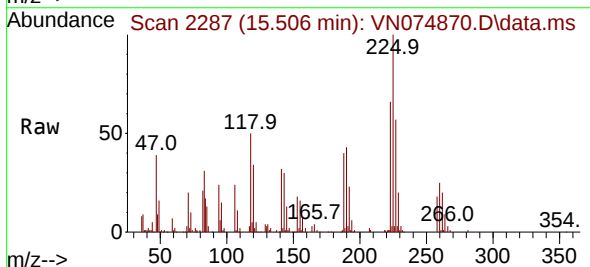
Manual Integrations
APPROVED

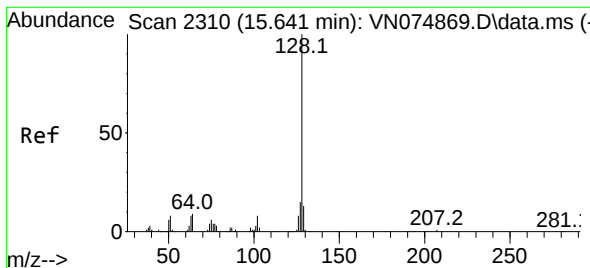
Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#90
Hexachlorobutadiene
Concen: 50.713 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.006 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

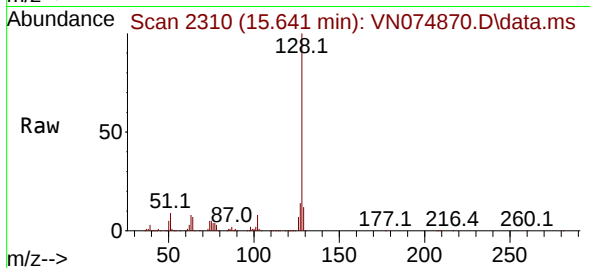
Tgt Ion:225 Resp: 147381
Ion Ratio Lower Upper
225 100
223 62.6 0.0 125.0
227 62.7 0.0 123.0





#91
Naphthalene
Concen: 54.754 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26

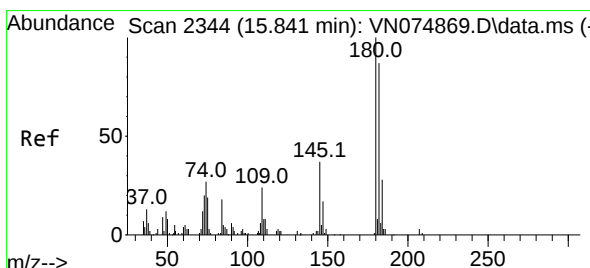
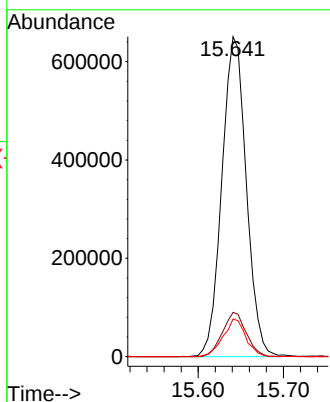
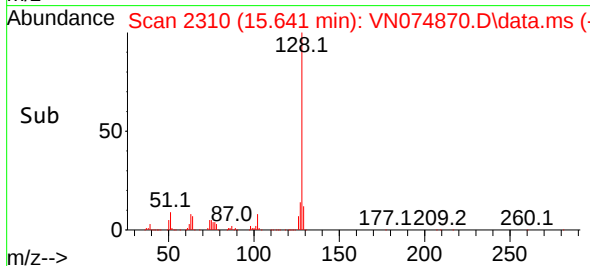
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050



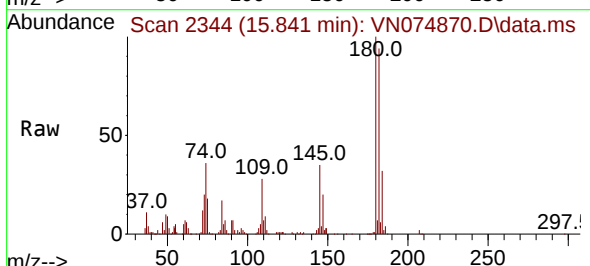
Tgt Ion:128 Resp: 129500
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.0 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/13/2022
Supervised By :Mahesh Dadoda 10/14/2022



#92
1,2,3-Trichlorobenzene
Concen: 51.004 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN074870.D
Acq: 12 Oct 2022 11:26



Tgt Ion:180 Resp: 318027
Ion Ratio Lower Upper
180 100
182 94.5 0.0 185.4
145 33.7 0.0 68.6

