

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101922\
 Data File : VN074934.D
 Acq On : 19 Oct 2022 16:32
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/20/2022
 Supervised By : Mahesh Dadoda 10/20/2022

Quant Time: Oct 20 05:48:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101922W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 05:43:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	248212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	425770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	486482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	294580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	291685	49.512	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.020%		
35) Dibromofluoromethane	8.177	113	240794	51.564	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.120%		
50) Toluene-d8	10.571	98	1009974	53.318	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.640%		
62) 4-Bromofluorobenzene	12.847	95	294229	56.859	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	113.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.148	85	200366	46.660	ug/l	100
3) Chloromethane	2.383	50	279312	43.061	ug/l	100
4) Vinyl Chloride	2.536	62	471425	45.705	ug/l	100
5) Bromomethane	2.924	94	525786	50.497	ug/l	100
6) Chloroethane	3.112	64	414426	40.622	ug/l	100
7) Trichlorofluoromethane	3.506	101	318714	47.039	ug/l	100
8) Diethyl Ether	3.983	74	139092	44.782	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	191288	45.091	ug/l	100
10) Methyl Iodide	4.606	142	272285	48.152	ug/l	100
11) Tert butyl alcohol	5.553	59	320931	231.138	ug/l	100
12) 1,1-Dichloroethene	4.359	96	177342	45.717	ug/l	100
13) Acrolein	4.200	56	229389	225.632	ug/l	100
14) Allyl chloride	5.042	41	358840m	47.486	ug/l	
15) Acrylonitrile	5.741	53	839237	242.302	ug/l	100
16) Acetone	4.453	43	666247	222.483	ug/l	100
17) Carbon Disulfide	4.730	76	421692	46.775	ug/l	100
18) Methyl Acetate	5.047	43	490285	46.164	ug/l	100
19) Methyl tert-butyl Ether	5.818	73	748978	49.452	ug/l	100
20) Methylene Chloride	5.294	84	247654	41.636	ug/l	100
21) trans-1,2-Dichloroethene	5.794	96	199254	46.096	ug/l	100
22) Diisopropyl ether	6.694	45	829974	50.587	ug/l	100
23) Vinyl Acetate	6.618	43	3096329	249.357	ug/l	100
24) 1,1-Dichloroethane	6.583	63	440659	48.501	ug/l	100
25) 2-Butanone	7.500	43	1192024	245.101	ug/l	100
26) 2,2-Dichloropropane	7.500	77	369410	48.884	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	273500	47.904	ug/l	100
28) Bromochloromethane	7.824	49	211460	52.384	ug/l	100
29) Tetrahydrofuran	7.847	42	783785	250.028	ug/l	100
30) Chloroform	7.977	83	456427	50.224	ug/l	100
31) Cyclohexane	8.271	56	352388	46.682	ug/l	100
32) 1,1,1-Trichloroethane	8.182	97	372336	48.395	ug/l	100
36) 1,1-Dichloropropene	8.383	75	309305	48.526	ug/l	100
37) Ethyl Acetate	7.577	43	466339	49.491	ug/l	100
38) Carbon Tetrachloride	8.371	117	319150	51.068	ug/l	100
39) Methylcyclohexane	9.606	83	378486	51.100	ug/l	100
40) Benzene	8.612	78	1027908	50.128	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	242101	48.960	ug/l	100
42) 1,2-Dichloroethane	8.677	62	332936	47.516	ug/l	100
43) Isopropyl Acetate	8.700	43	730335	51.315	ug/l	100
44) Trichloroethene	9.359	130	235368	49.482	ug/l	100
45) 1,2-Dichloropropane	9.629	63	276913	49.147	ug/l	100
46) Dibromomethane	9.712	93	175843	47.955	ug/l	100
47) Bromodichloromethane	9.894	83	349461	50.547	ug/l	100
48) Methyl methacrylate	9.682	41	321410	51.647	ug/l	100
49) 1,4-Dioxane	9.700	88	140482	1013.230	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	2532951	265.288	ug/l	100
52) Toluene	10.635	92	651411	50.744	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	399132	54.174	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	418027	51.425	ug/l	100
55) 1,1,2-Trichloroethane	11.018	97	280544	52.653	ug/l	100
56) Ethyl methacrylate	10.876	69	446761	54.255	ug/l	100
57) 1,3-Dichloropropane	11.171	76	481398	51.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	985224	283.932	ug/l	100
59) 2-Hexanone	11.200	43	1895699	269.853	ug/l	100
60) Dibromochloromethane	11.359	129	267237	51.236	ug/l	100
61) 1,2-Dibromoethane	11.471	107	265058	50.361	ug/l	100
64) Tetrachloroethene	11.106	164	186732	46.029	ug/l	100
65) Chlorobenzene	11.894	112	698464	49.557	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	255820	48.007	ug/l	100
67) Ethyl Benzene	11.965	91	1277386	52.477	ug/l	100
68) m/p-Xylenes	12.070	106	998933	106.517	ug/l	100
69) o-Xylene	12.400	106	514196	53.354	ug/l	100
70) Styrene	12.412	104	827686	57.154	ug/l	100
71) Bromoform	12.582	173	208868	57.247	ug/l #	100
73) Isopropylbenzene	12.700	105	1295627	48.239	ug/l	100
74) N-amyl acetate	12.494	43	671595	49.994	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	460392	44.655	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	385620m	52.404	ug/l	100
77) Bromobenzene	12.982	156	285412	48.611	ug/l	100
78) n-propylbenzene	13.035	91	1526154	50.849	ug/l	100
79) 2-Chlorotoluene	13.123	91	837075	48.165	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	1051423	49.164	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	157972	54.926	ug/l	100
82) 4-Chlorotoluene	13.123	91	837075	48.165	ug/l	100
83) tert-Butylbenzene	13.441	119	968346	50.397	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1054943	51.523	ug/l	100
85) sec-Butylbenzene	13.617	105	1389052	53.407	ug/l	100
86) p-Isopropyltoluene	13.729	119	1114054	55.304	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	521898	50.517	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	499816	49.018	ug/l	100
89) n-Butylbenzene	14.059	91	924610	55.414	ug/l	100
90) Hexachloroethane	14.335	117	201899	45.588	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	487014	49.061	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	73588	41.676	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	233439	48.570	ug/l	100
94) Hexachlorobutadiene	15.500	225	107018	41.864	ug/l	100
95) Naphthalene	15.641	128	926845	49.413	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	250653	47.725	ug/l	100

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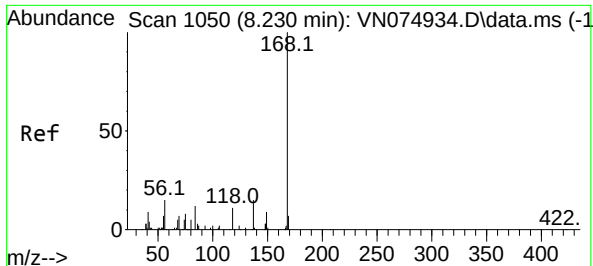
Manual Integrations
APPROVED

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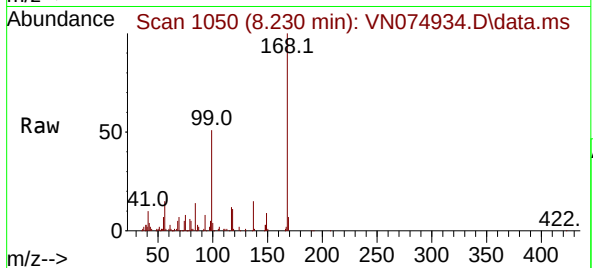
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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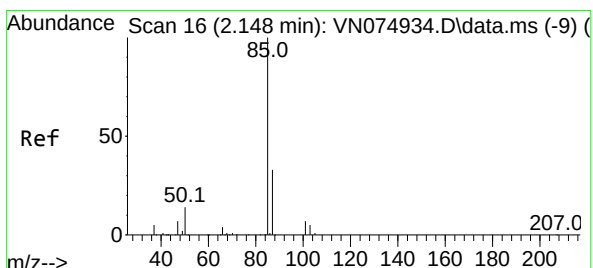
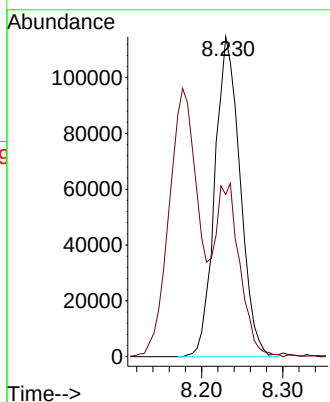
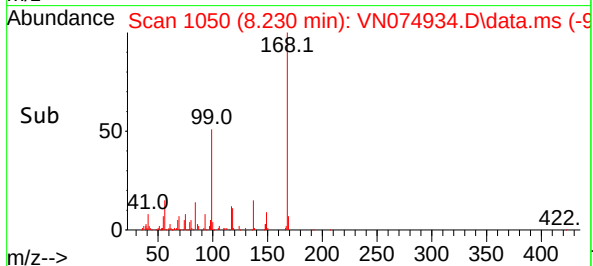
Instrument :
MSVOA_N
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VSTDICCC050



Tgt Ion:168 Resp: 24821
Ion Ratio Lower Upper
168 100
99 49.9 39.9 59.9

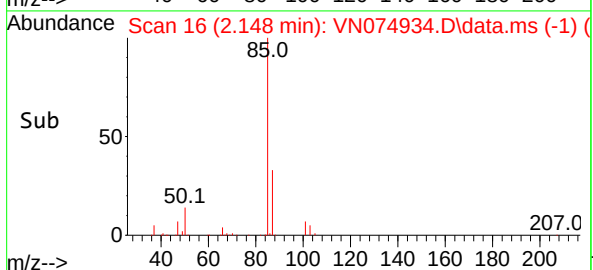
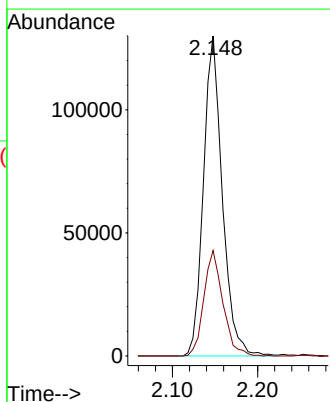
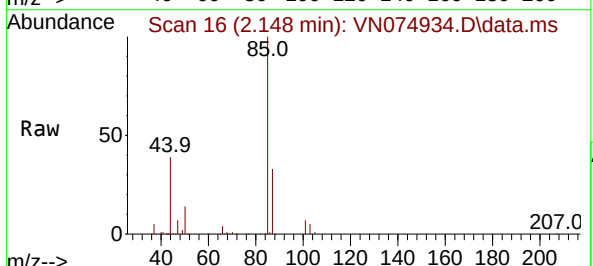
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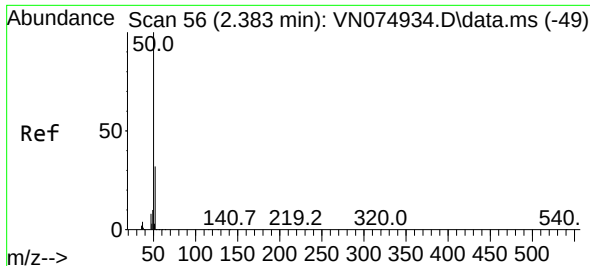
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#2
Dichlorodifluoromethane
Concen: 46.660 ug/l
RT: 2.148 min Scan# 16
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

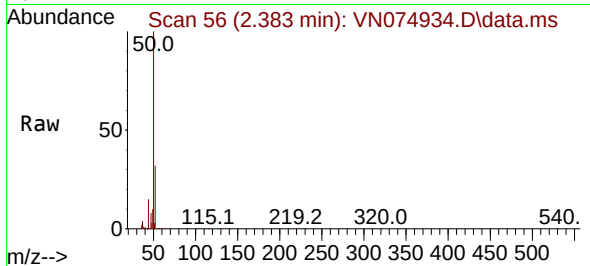
Tgt Ion: 85 Resp: 200366
Ion Ratio Lower Upper
85 100
87 32.9 16.4 49.4





#3
Chloromethane
Concen: 43.061 ug/l
RT: 2.383 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

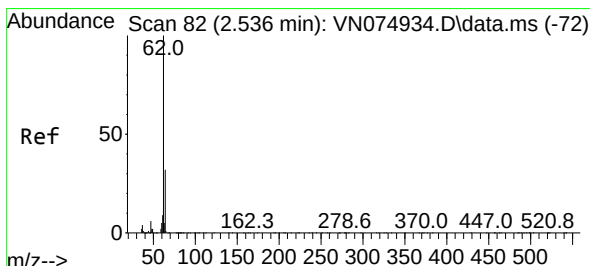
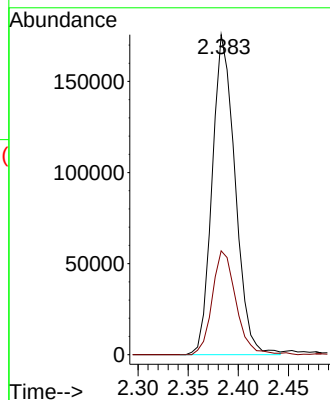
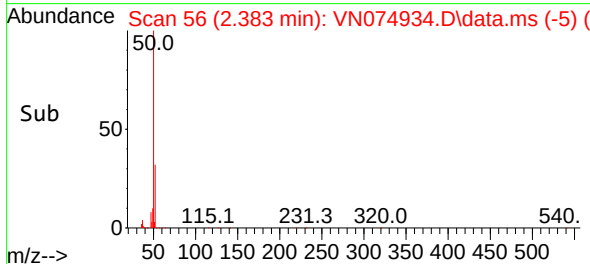
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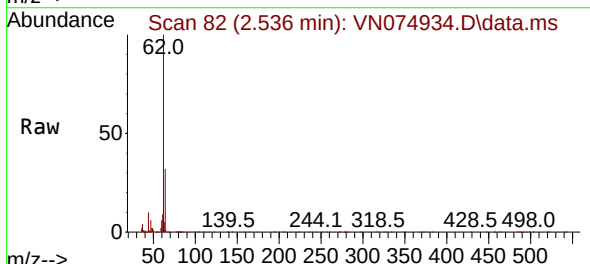
Tgt Ion: 50 Resp: 279312
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0

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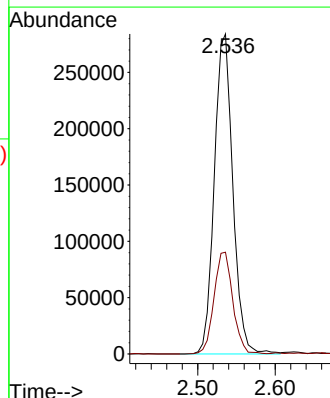
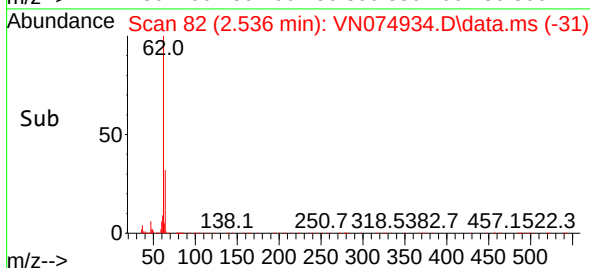
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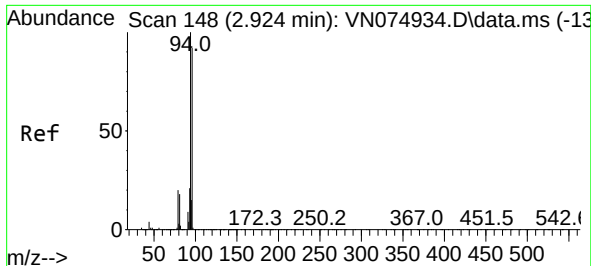


#4
Vinyl Chloride
Concen: 45.705 ug/l
RT: 2.536 min Scan# 82
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32



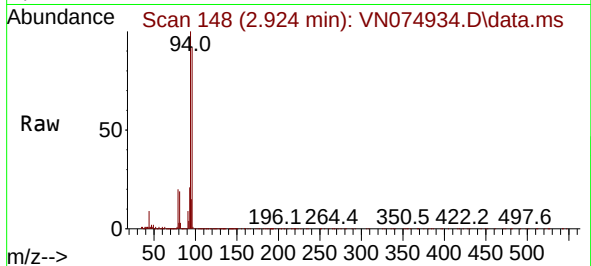
Tgt Ion: 62 Resp: 471425
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.2





#5
Bromomethane
Concen: 50.497 ug/l
RT: 2.924 min Scan# 148
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

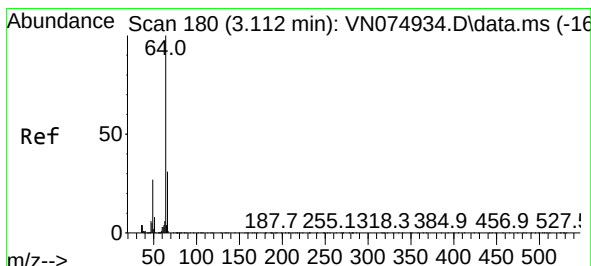
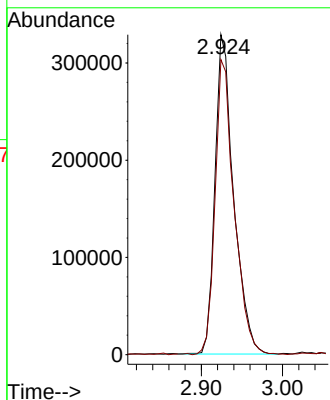
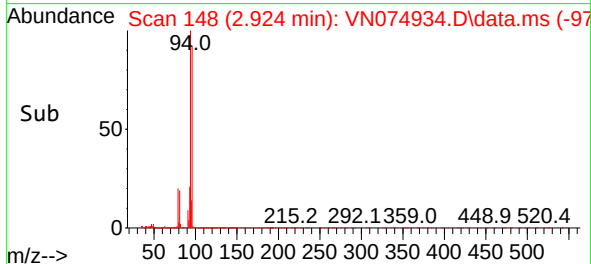
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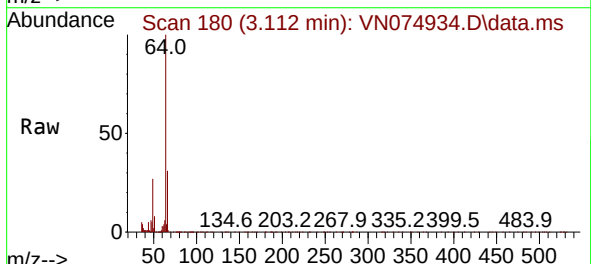
Tgt Ion: 94 Resp: 525780
Ion Ratio Lower Upper
94 100
96 92.2 73.8 110.6

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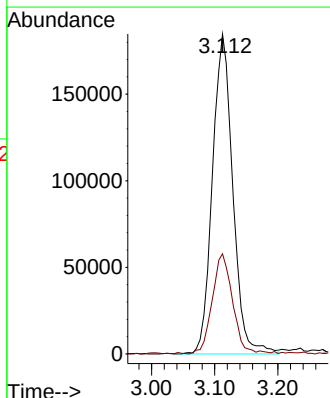
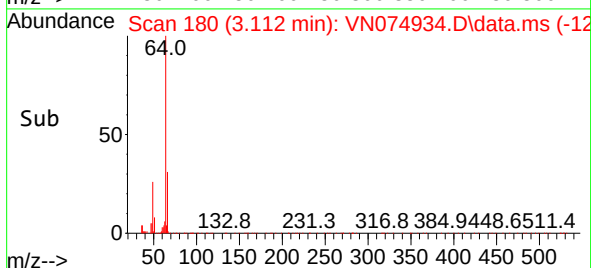
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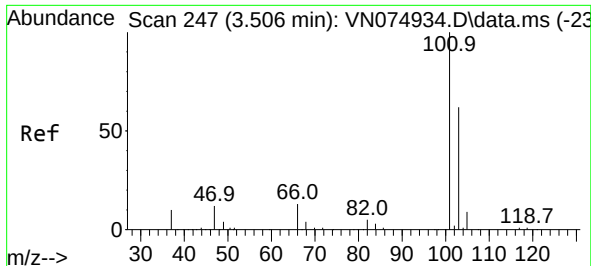


#6
Chloroethane
Concen: 40.622 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32



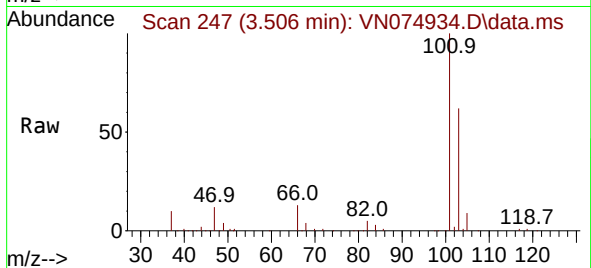
Tgt Ion: 64 Resp: 414426
Ion Ratio Lower Upper
64 100
66 31.1 24.9 37.3





#7
 Trichlorofluoromethane
 Concen: 47.039 ug/l
 RT: 3.506 min Scan# 247
 Delta R.T. 0.000 min
 Lab File: VN074934.D
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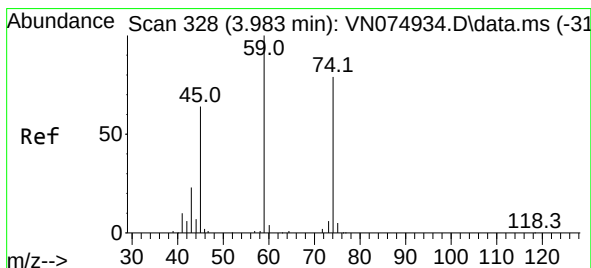
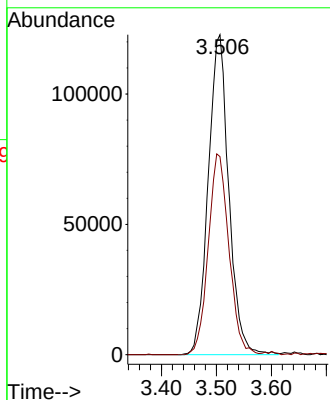
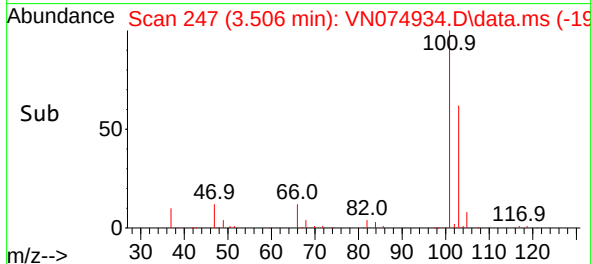
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion:101 Resp: 318714
 Ion Ratio Lower Upper
 101 100
 103 61.9 49.5 74.3

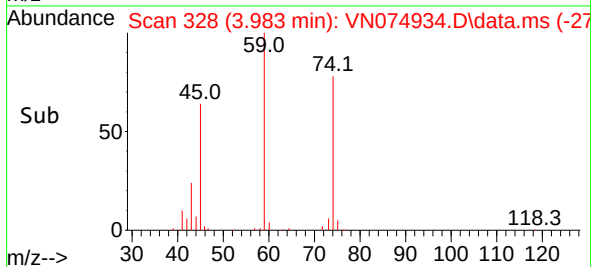
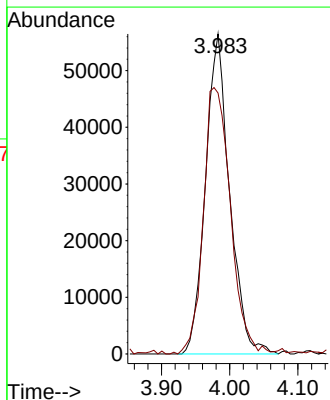
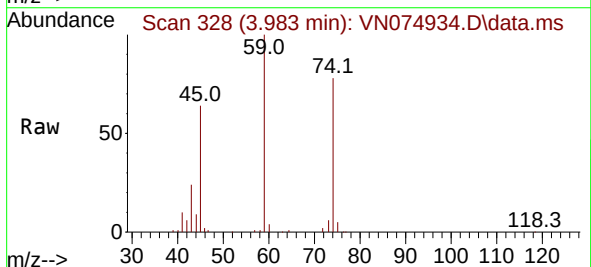
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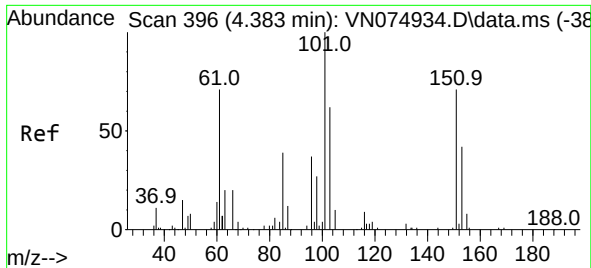
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#8
 Diethyl Ether
 Concen: 44.782 ug/l
 RT: 3.983 min Scan# 328
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 139092
 Ion Ratio Lower Upper
 74 100
 45 93.5 46.8 140.3





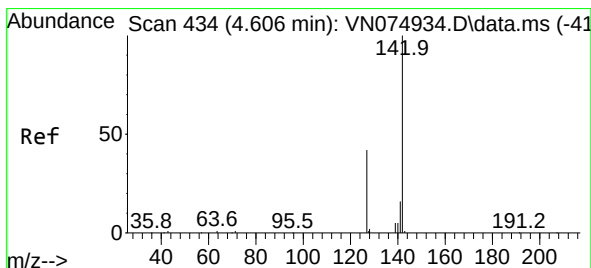
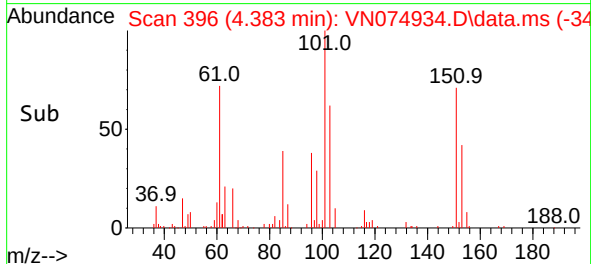
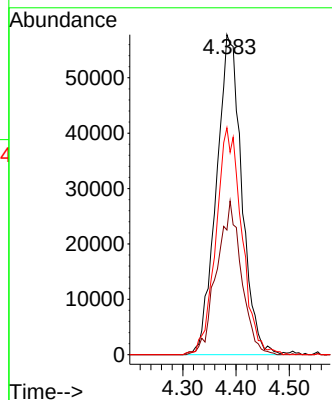
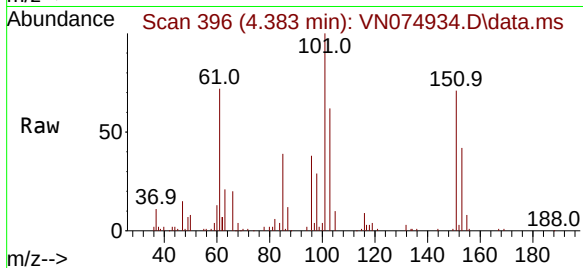
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.091 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 191288
Ion Ratio Lower Upper
101 100
85 46.7 37.4 56.0
151 72.5 58.0 87.0

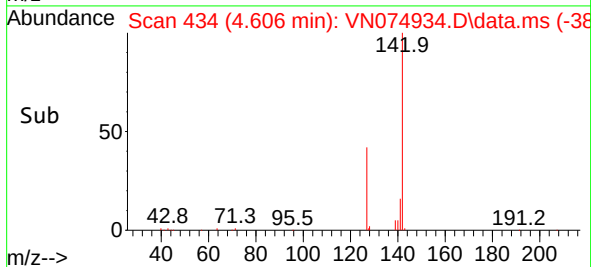
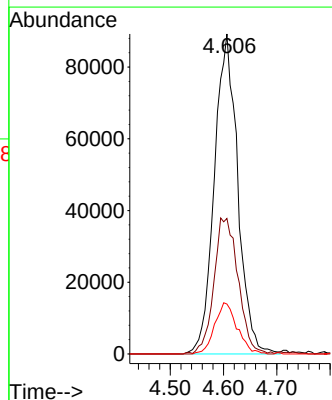
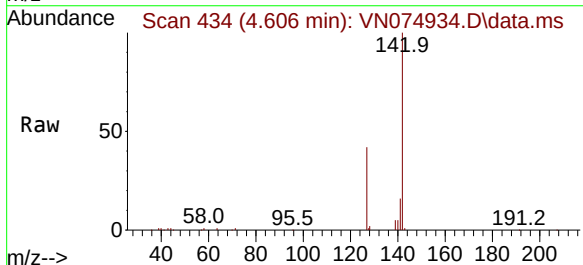
Manual Integrations
APPROVED

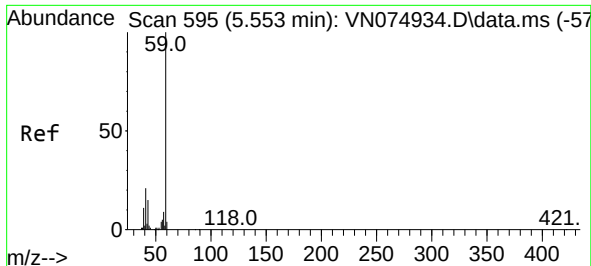
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#10
Methyl Iodide
Concen: 48.152 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

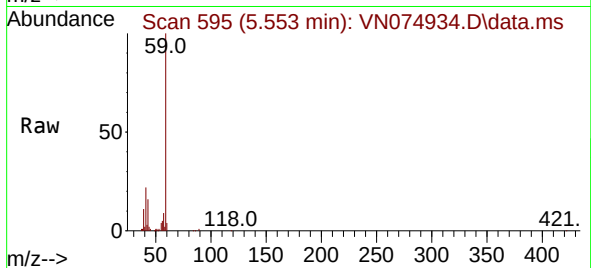
Tgt Ion:142 Resp: 272285
Ion Ratio Lower Upper
142 100
127 44.1 35.3 52.9
141 15.4 12.3 18.5





#11
Tert butyl alcohol
Concen: 231.138 ug/l
RT: 5.553 min Scan# 595
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

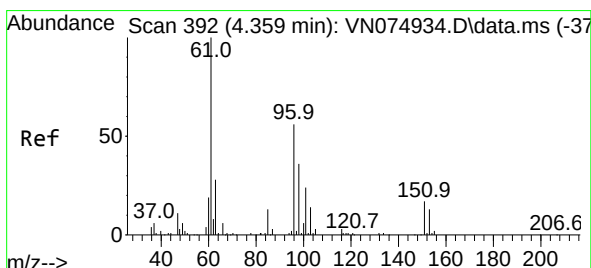
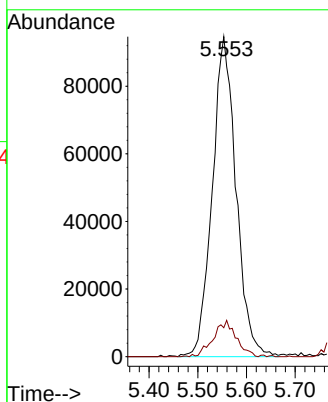
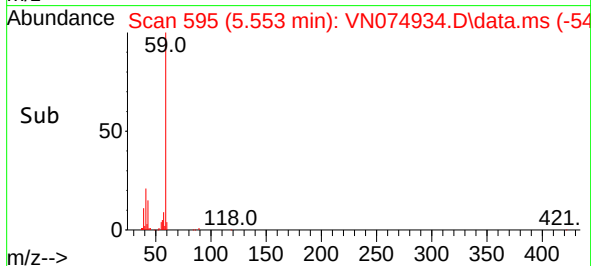
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



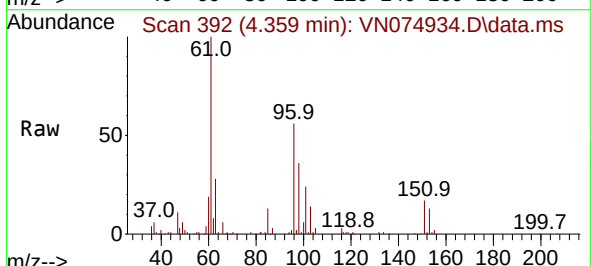
Tgt Ion: 59 Resp: 32093
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0

Manual Integrations
APPROVED

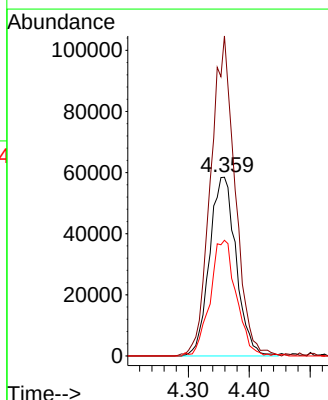
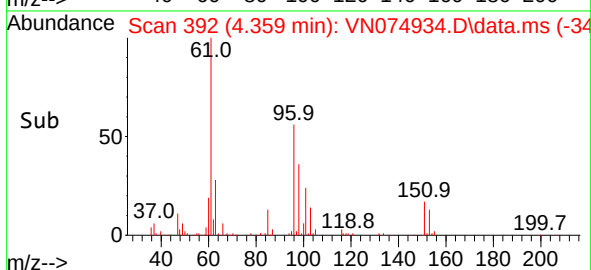
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

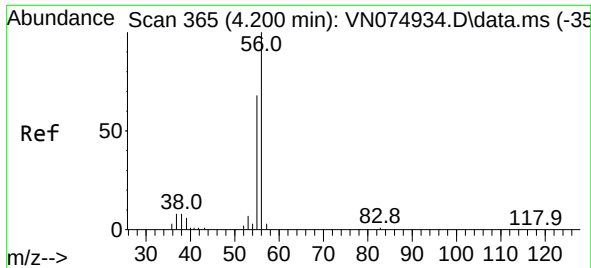


#12
1,1-Dichloroethene
Concen: 45.717 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32



Tgt Ion: 96 Resp: 177342
Ion Ratio Lower Upper
96 100
61 178.6 142.9 214.3
98 64.7 51.8 77.6





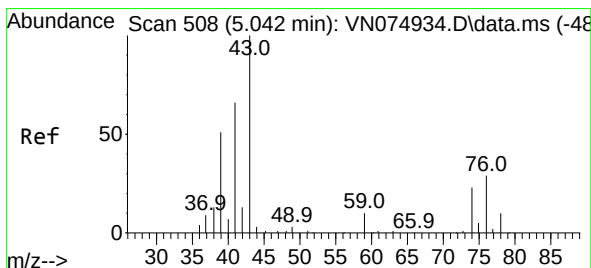
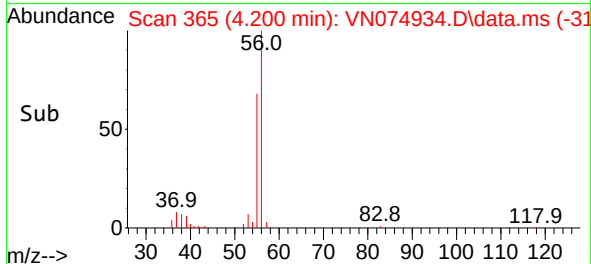
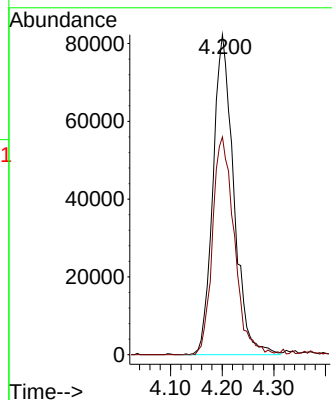
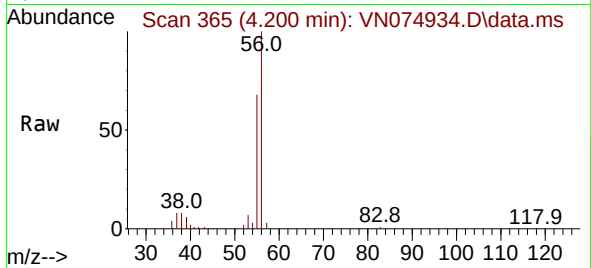
#13
Acrolein
Concen: 225.632 ug/l
RT: 4.200 min Scan# 365
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 56 Resp: 229389
Ion Ratio Lower Upper
56 100
55 71.3 57.0 85.6

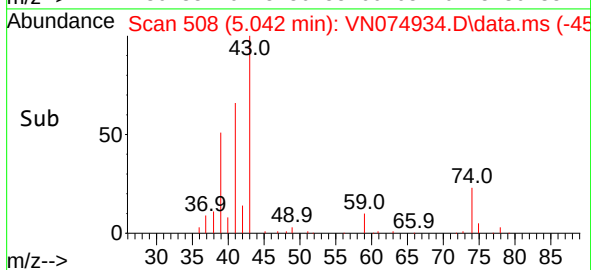
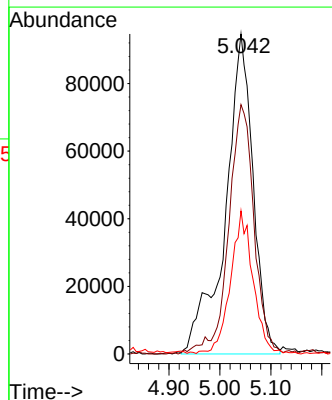
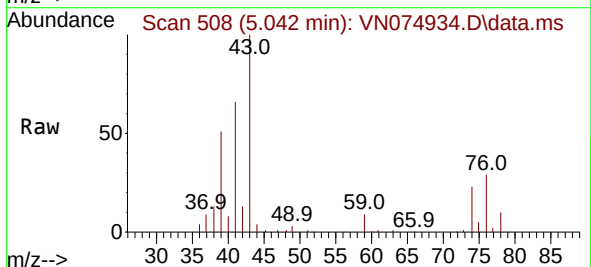
Manual Integrations
APPROVED

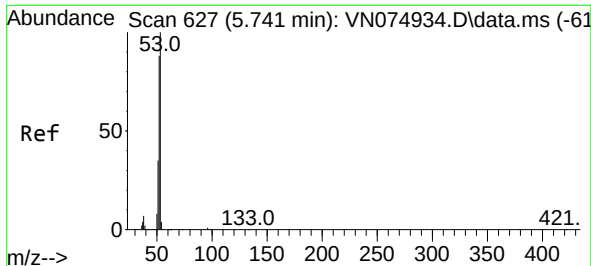
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#14
Allyl chloride
Concen: 47.486 ug/l m
RT: 5.042 min Scan# 508
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

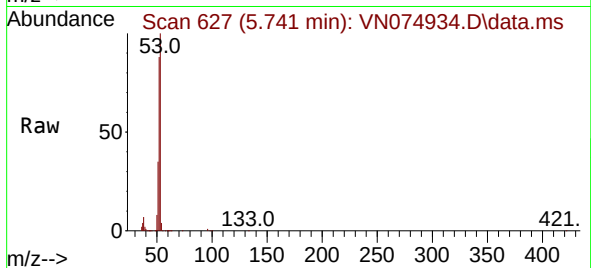
Tgt Ion: 41 Resp: 358840
Ion Ratio Lower Upper
41 100
39 71.1 56.9 85.3
76 36.3 29.0 43.6





#15
Acrylonitrile
Concen: 242.302 ug/l
RT: 5.741 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

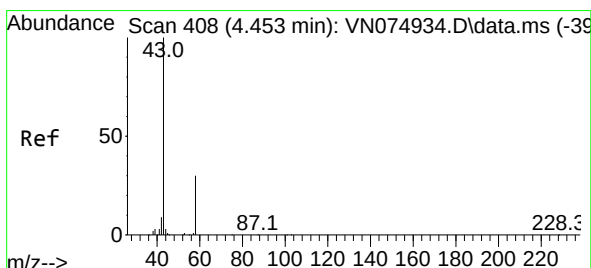
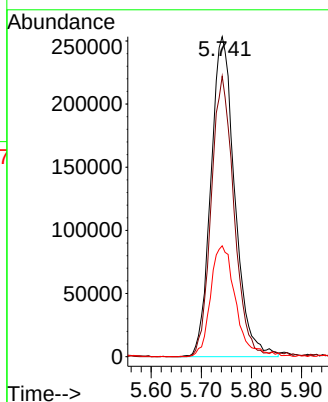
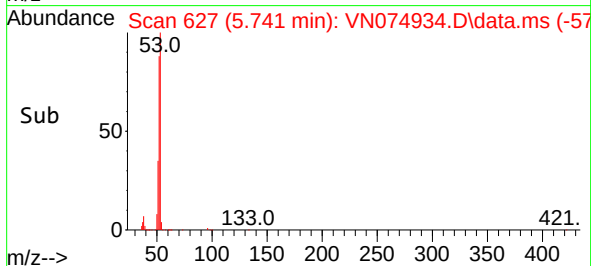
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 83923
Ion Ratio Lower Upper
53 100
52 83.1 66.5 99.7
51 36.5 29.2 43.8

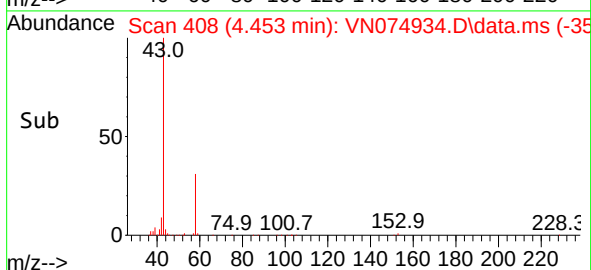
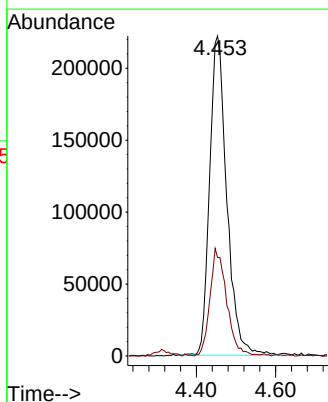
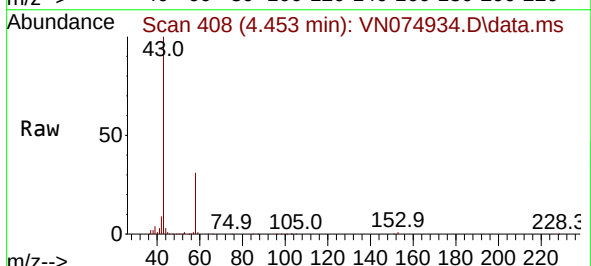
Manual Integrations
APPROVED

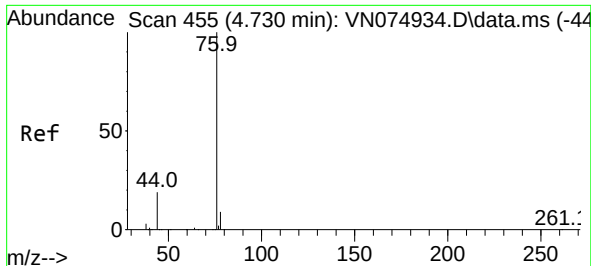
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#16
Acetone
Concen: 222.483 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

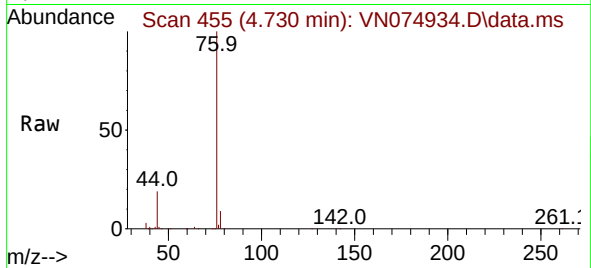
Tgt Ion: 43 Resp: 666247
Ion Ratio Lower Upper
43 100
58 30.6 24.5 36.7





#17
Carbon Disulfide
Concen: 46.775 ug/l
RT: 4.730 min Scan# 455
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

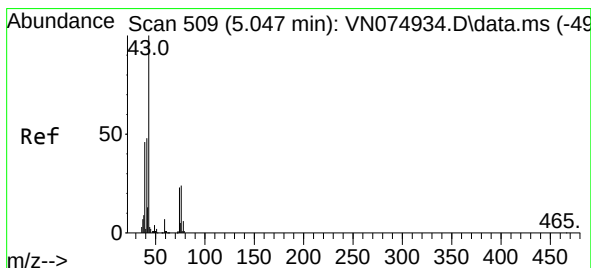
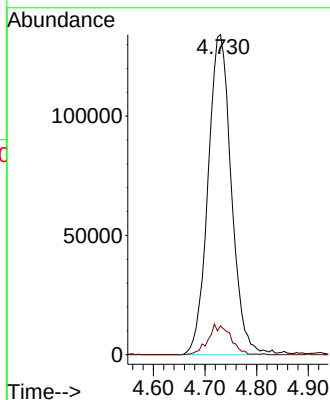
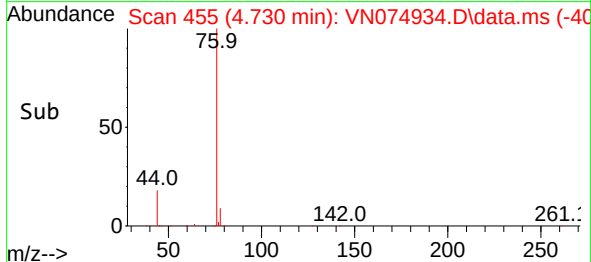
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



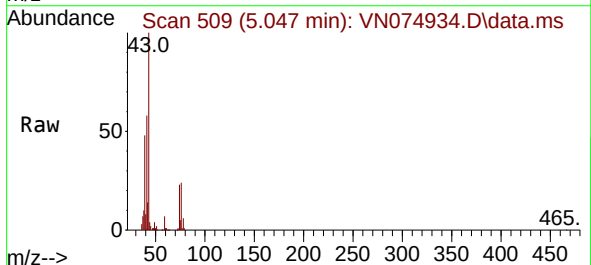
Tgt Ion: 76 Resp: 421692
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

Manual Integrations
APPROVED

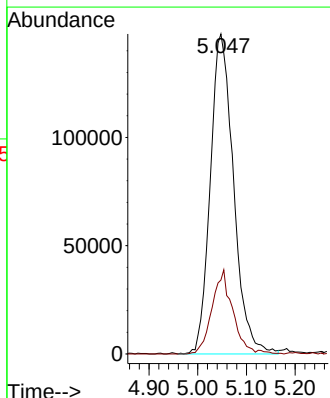
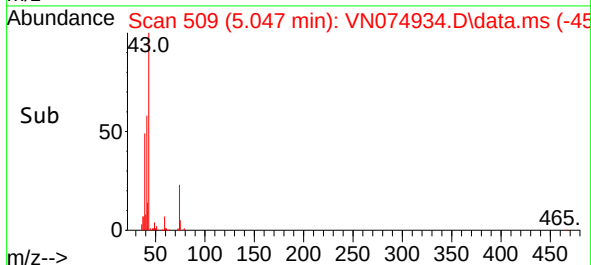
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

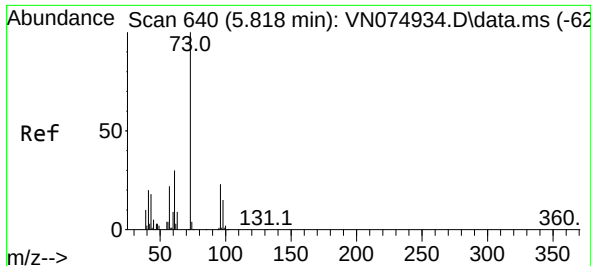


#18
Methyl Acetate
Concen: 46.164 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32



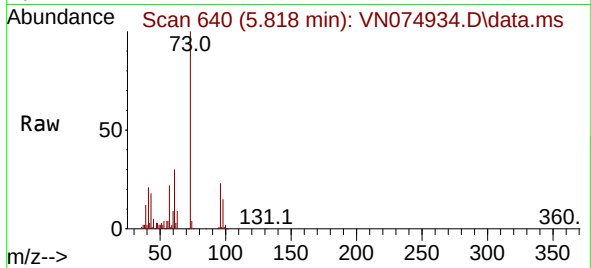
Tgt Ion: 43 Resp: 490285
Ion Ratio Lower Upper
43 100
74 23.0 18.4 27.6





#19
Methyl tert-butyl Ether
Concen: 49.452 ug/l
RT: 5.818 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

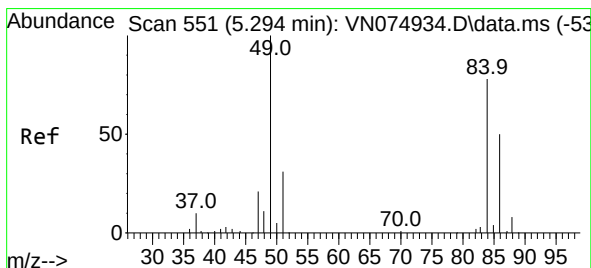
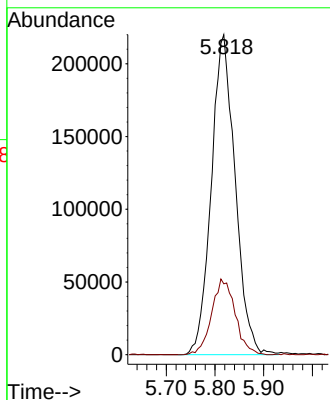
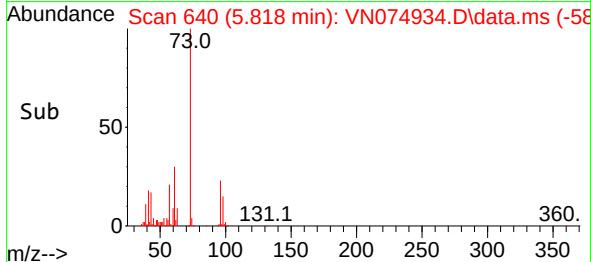
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 748978
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

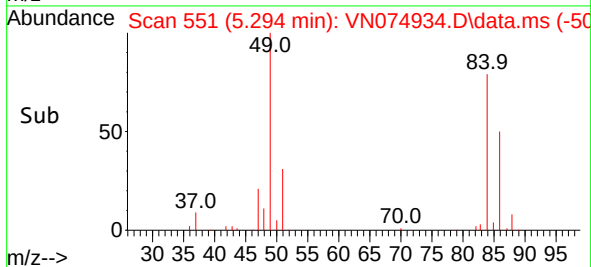
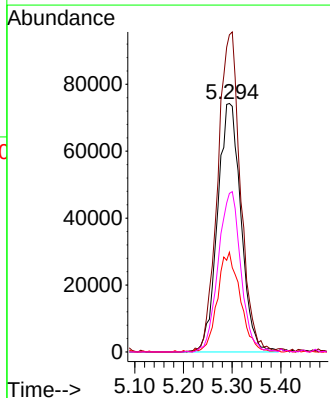
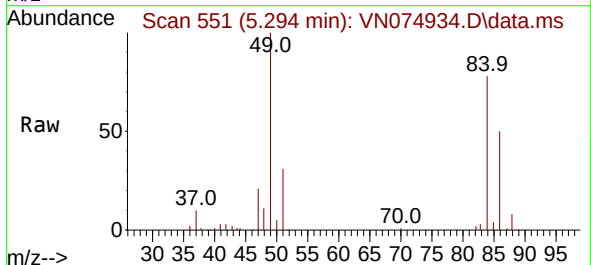
Manual Integrations
APPROVED

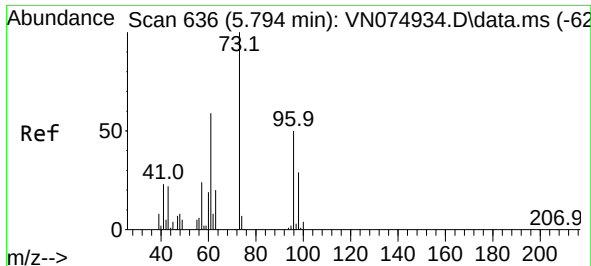
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#20
Methylene Chloride
Concen: 41.636 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

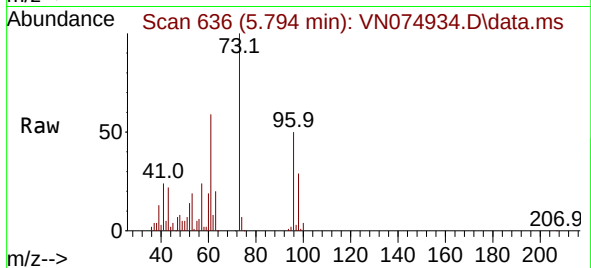
Tgt Ion: 84 Resp: 247654
Ion Ratio Lower Upper
84 100
49 127.6 102.1 153.1
51 40.1 32.1 48.1
86 63.8 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 46.096 ug/l
RT: 5.794 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

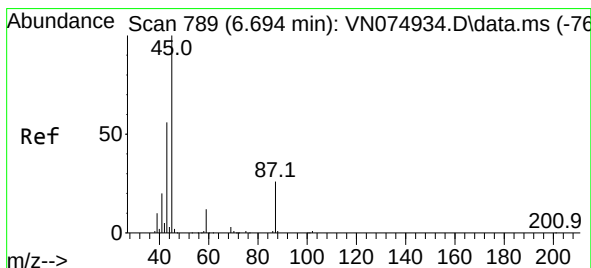
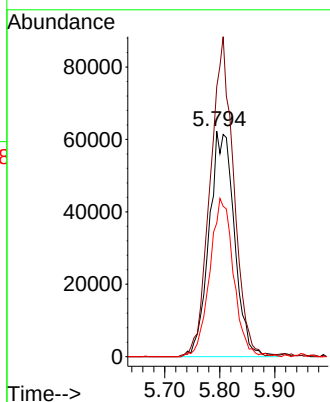
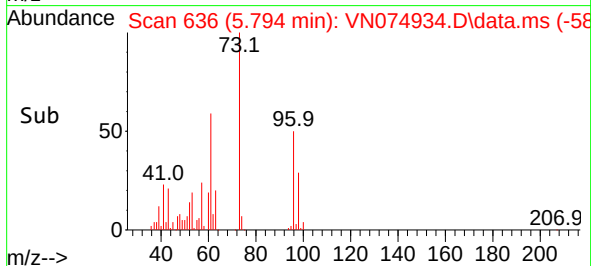
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 199254
Ion Ratio Lower Upper
96 100
61 119.8 95.8 143.8
98 59.2 47.4 71.0

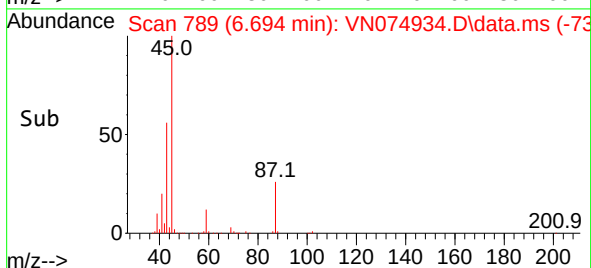
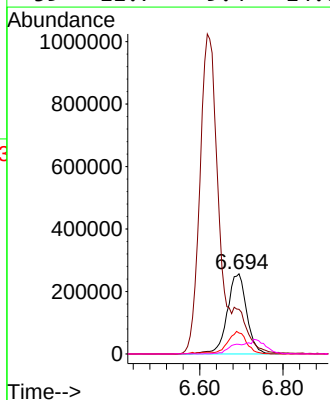
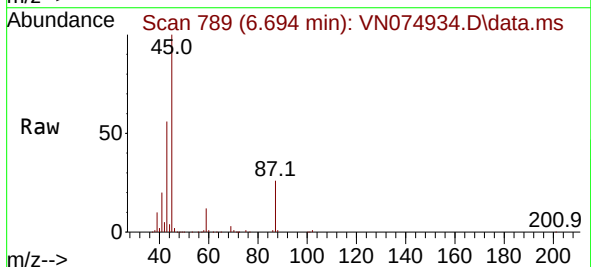
Manual Integrations
APPROVED

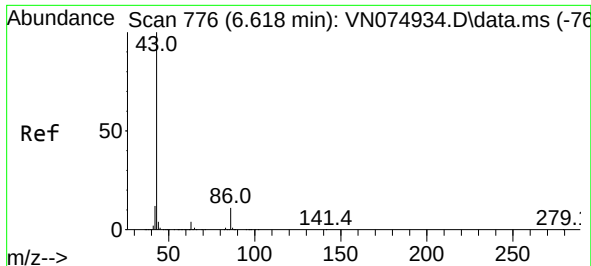
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#22
Diisopropyl ether
Concen: 50.587 ug/l
RT: 6.694 min Scan# 789
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

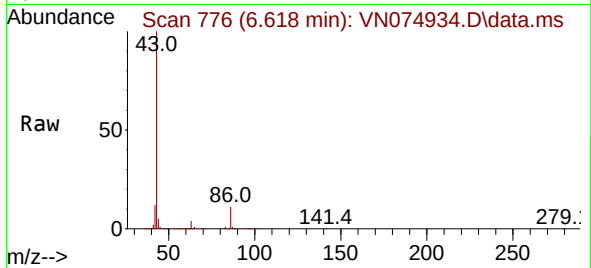
Tgt Ion: 45 Resp: 829974
Ion Ratio Lower Upper
45 100
43 55.6 44.5 66.7
87 26.0 20.8 31.2
59 11.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 249.357 ug/l
 RT: 6.618 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VN074934.D
 Acq: 19 Oct 2022 16:32

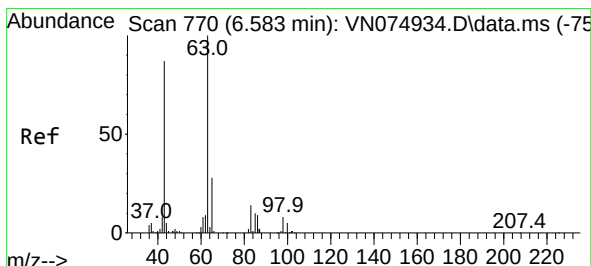
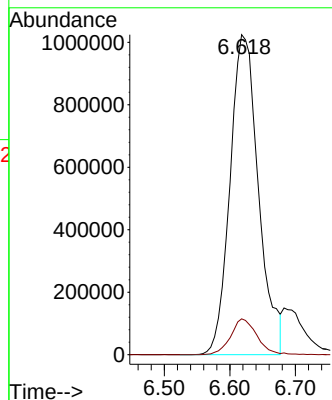
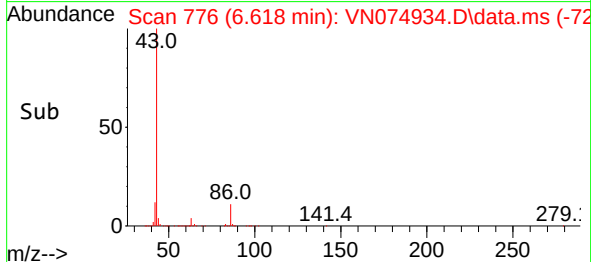
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



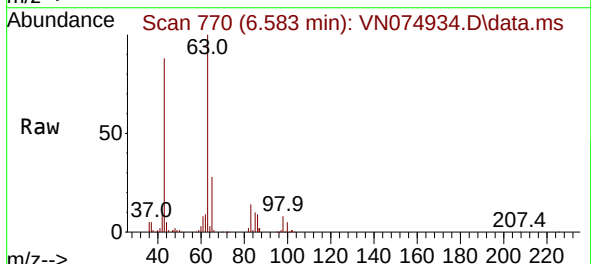
Tgt Ion: 43 Resp: 3096329
 Ion Ratio Lower Upper
 43 100
 86 11.2 9.0 13.4

Manual Integrations
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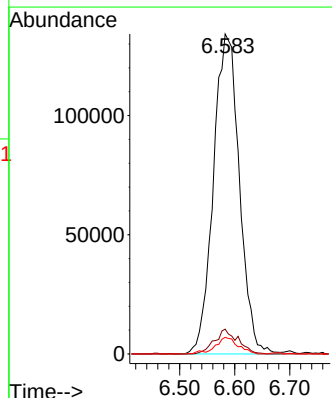
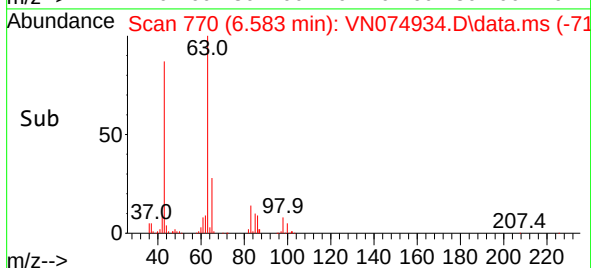
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

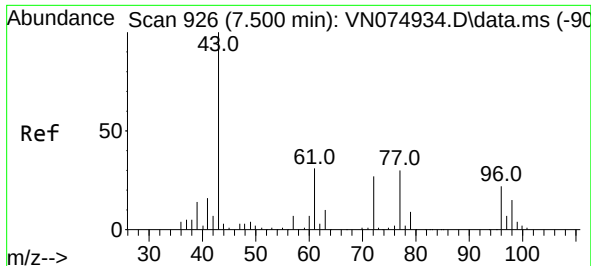


#24
 1,1-Dichloroethane
 Concen: 48.501 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VN074934.D
 Acq: 19 Oct 2022 16:32



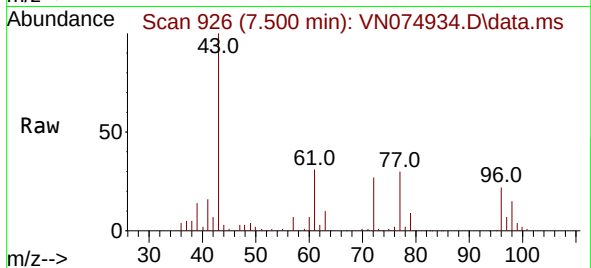
Tgt Ion: 63 Resp: 440659
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.5
 100 5.2 2.6 7.8





#25
2-Butanone
Concen: 245.101 ug/l
RT: 7.500 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

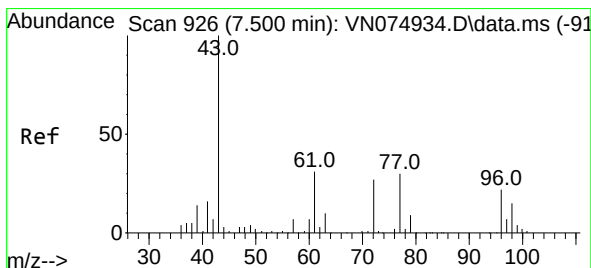
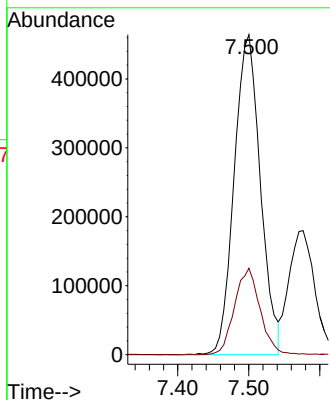
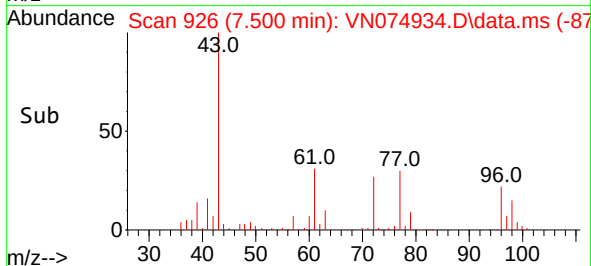
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



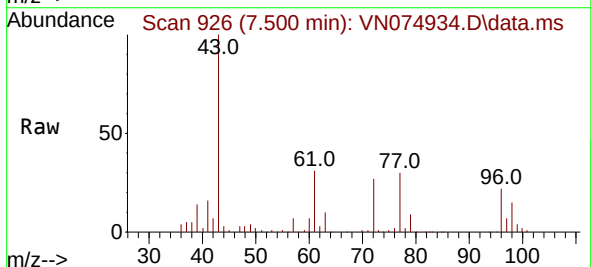
Tgt Ion: 43 Resp: 1192024
Ion Ratio Lower Upper
43 100
72 27.0 21.6 32.4

Manual Integrations
APPROVED

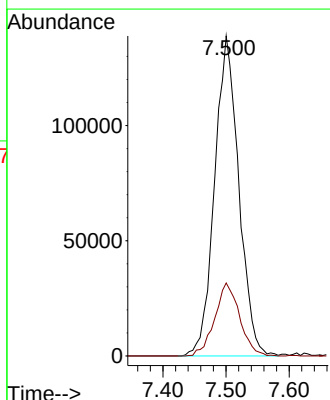
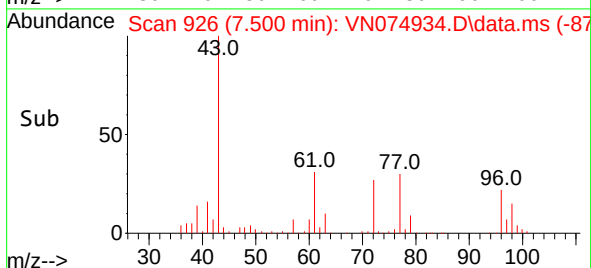
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

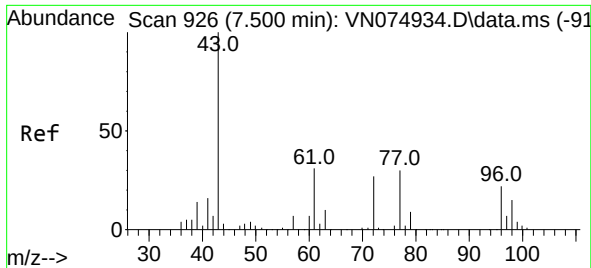


#26
2,2-Dichloropropane
Concen: 48.884 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32



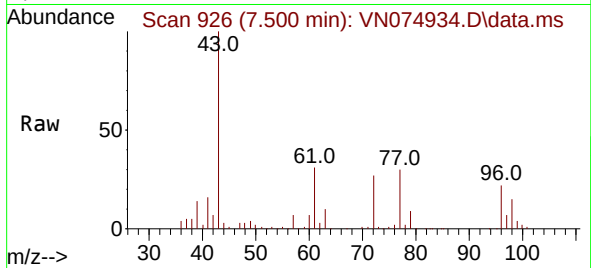
Tgt Ion: 77 Resp: 369410
Ion Ratio Lower Upper
77 100
97 23.5 11.8 35.3





#27
 cis-1,2-Dichloroethene
 Concen: 47.904 ug/l
 RT: 7.500 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN074934.D
 Acq: 19 Oct 2022 16:32

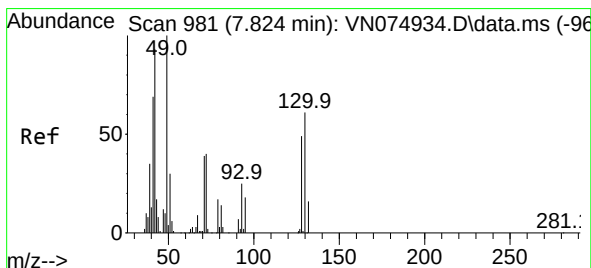
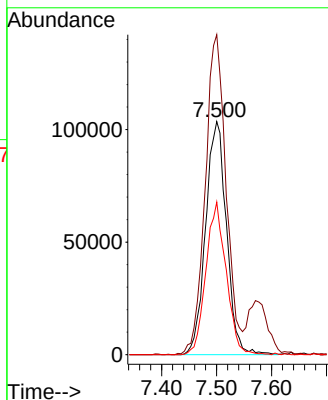
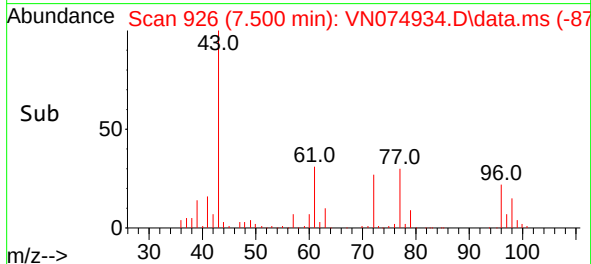
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



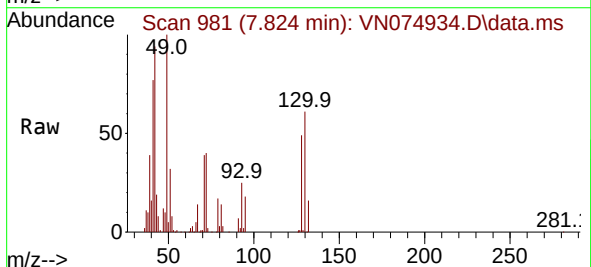
Tgt Ion: 96 Resp: 273500
 Ion Ratio Lower Upper
 96 100
 61 137.0 0.0 274.0
 98 63.4 0.0 126.8

Manual Integrations
 APPROVED

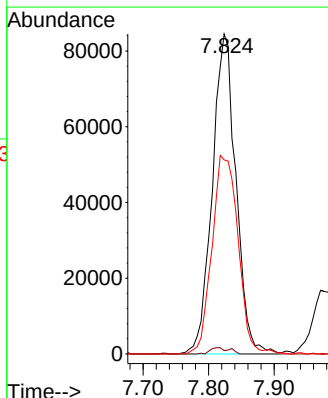
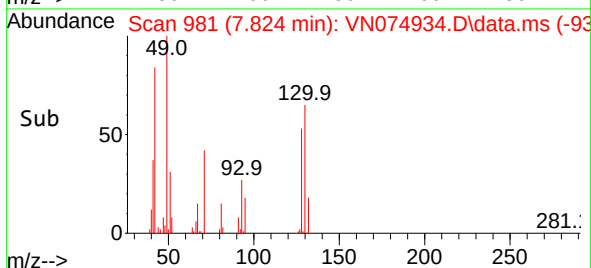
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

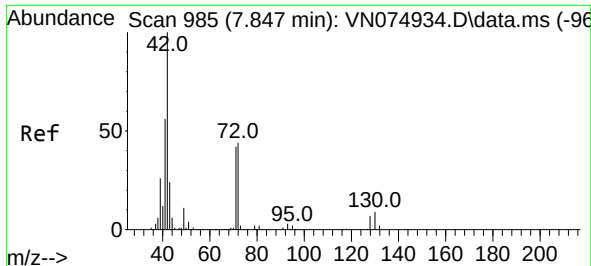


#28
 Bromochloromethane
 Concen: 52.384 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VN074934.D
 Acq: 19 Oct 2022 16:32



Tgt Ion: 49 Resp: 211460
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.2
 130 68.4 54.7 82.1





#29

Tetrahydrofuran

Concen: 250.028 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.000 min

Lab File: VN074934.D

Acq: 19 Oct 2022 16:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 78378

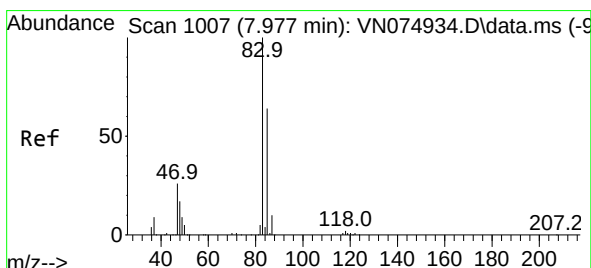
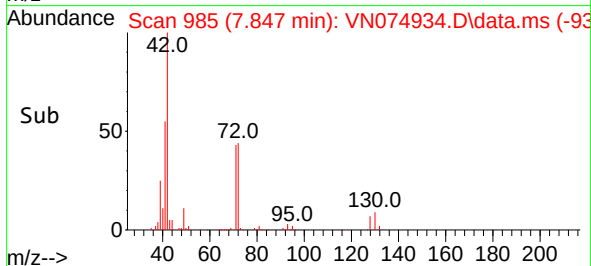
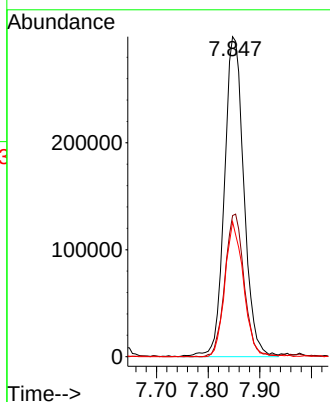
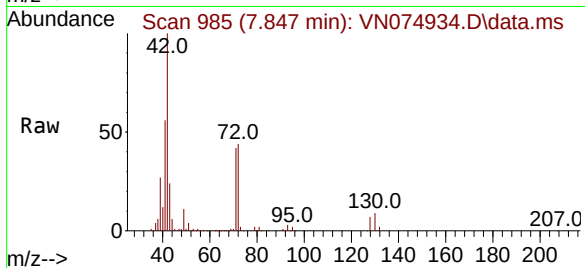
Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.3	52.9
71	40.3	32.2	48.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#30

Chloroform

Concen: 50.224 ug/l

RT: 7.977 min Scan# 1007

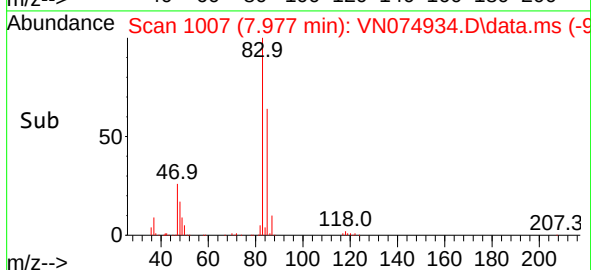
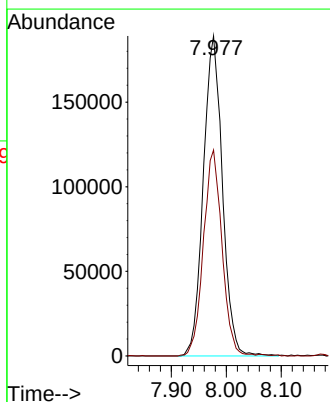
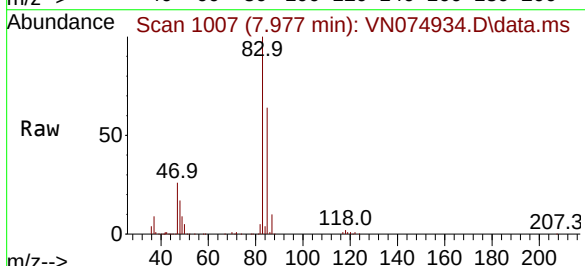
Delta R.T. 0.000 min

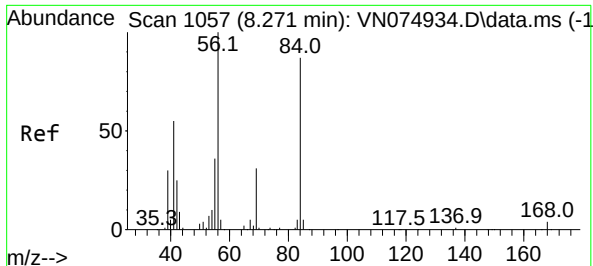
Lab File: VN074934.D

Acq: 19 Oct 2022 16:32

Tgt Ion: 83 Resp: 456427

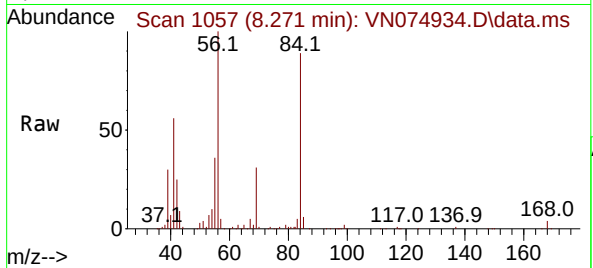
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2





#31
Cyclohexane
Concen: 46.682 ug/l
RT: 8.271 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

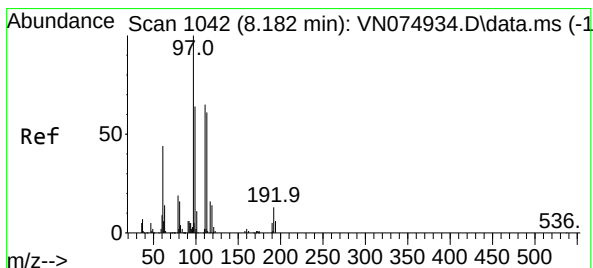
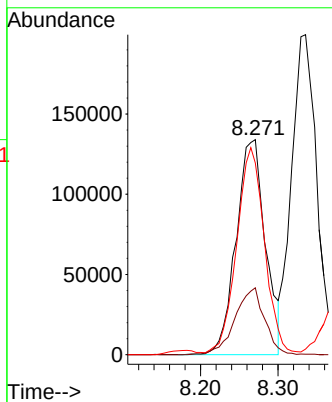
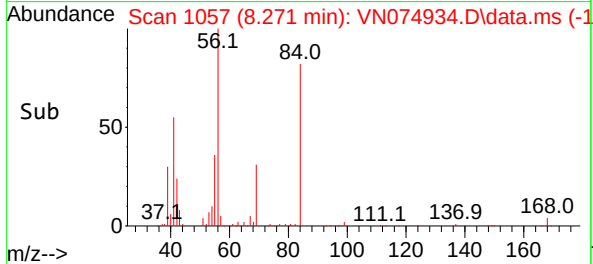
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



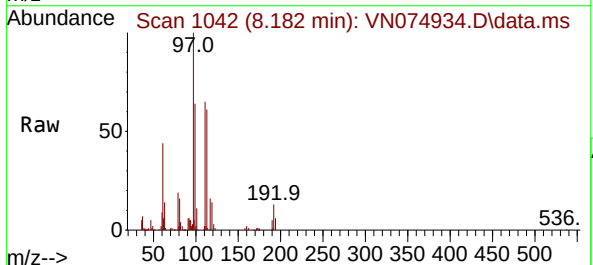
Tgt Ion: 56 Resp: 35238
Ion Ratio Lower Upper
56 100
69 31.1 24.9 37.3
84 87.3 69.8 104.8

Manual Integrations
APPROVED

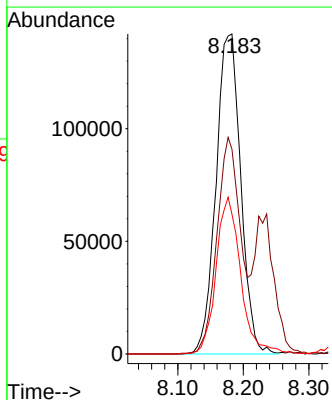
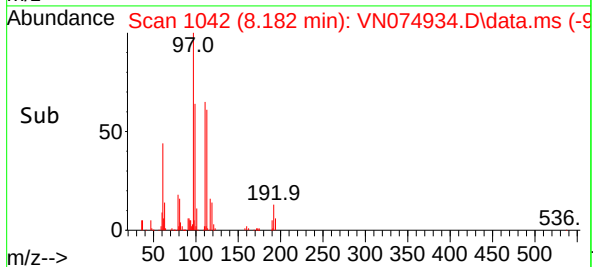
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

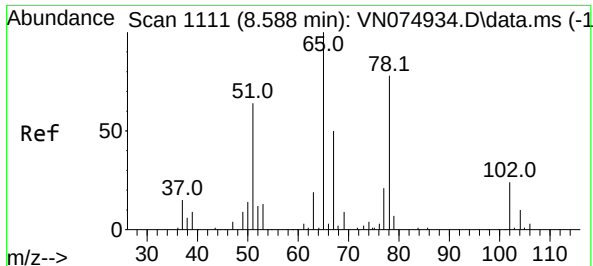


#32
1,1,1-Trichloroethane
Concen: 48.395 ug/l
RT: 8.182 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32



Tgt Ion: 97 Resp: 372336
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 48.9 39.1 58.7





#33

1,2-Dichloroethane-d4

Concen: 49.512 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VN074934.D

Acq: 19 Oct 2022 16:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 29168

Ion Ratio Lower Upper

65 100

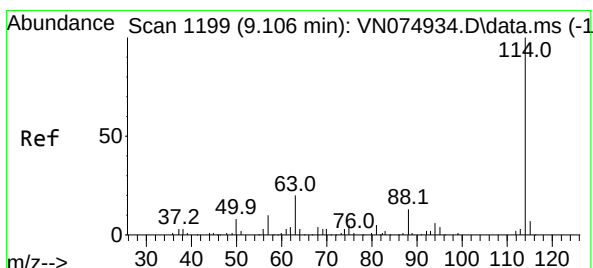
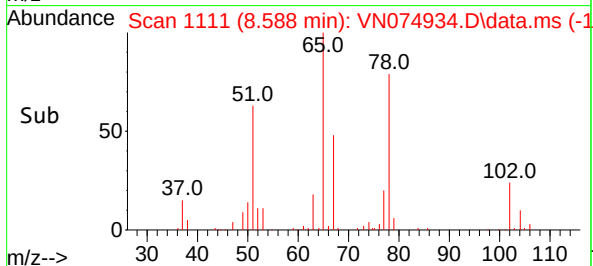
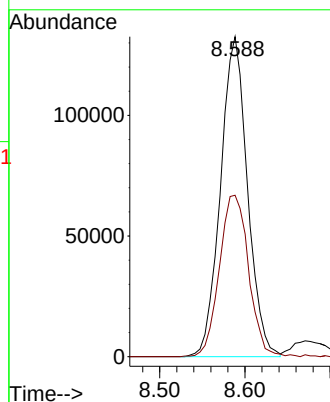
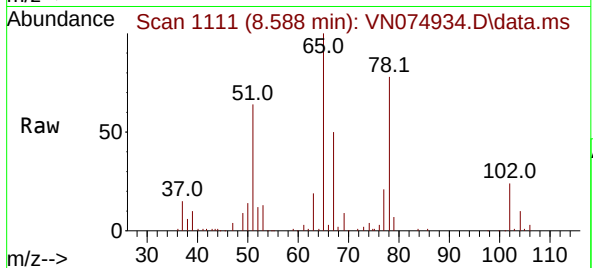
67 54.7 0.0 109.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN074934.D

Acq: 19 Oct 2022 16:32

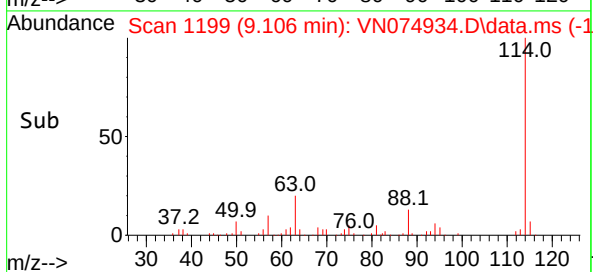
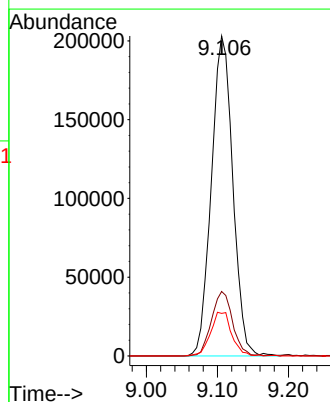
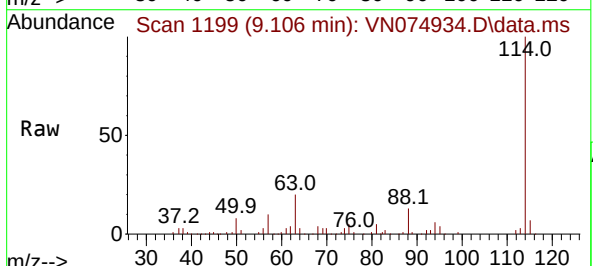
Tgt Ion:114 Resp: 425770

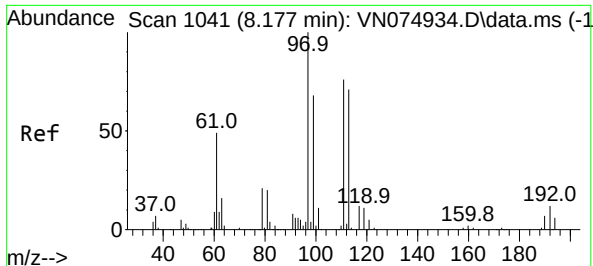
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.4

88 13.3 0.0 26.6





#35

Dibromofluoromethane

Concen: 51.564 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VN074934.D

Acq: 19 Oct 2022 16:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 113 Resp: 240794

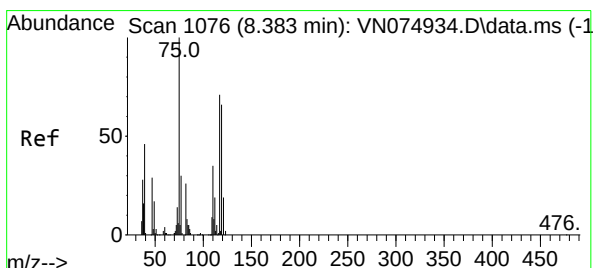
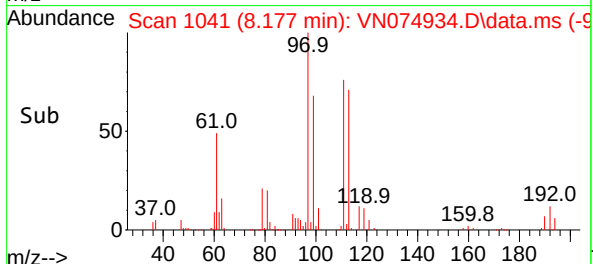
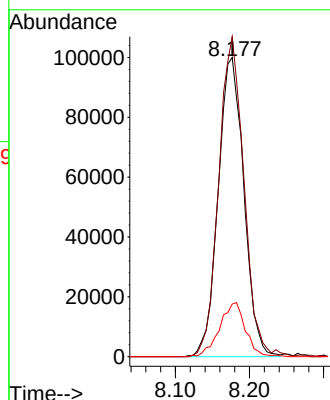
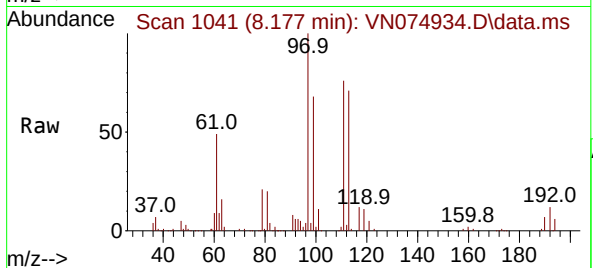
Ion	Ratio	Lower	Upper
113	100		
111	104.8	83.8	125.8
192	18.2	14.6	21.8

Manual Integrations

APPROVED

Reviewed By : John Carlone 10/20/2022

Supervised By : Mahesh Dadoda 10/20/2022



#36

1,1-Dichloropropene

Concen: 48.526 ug/l

RT: 8.383 min Scan# 1076

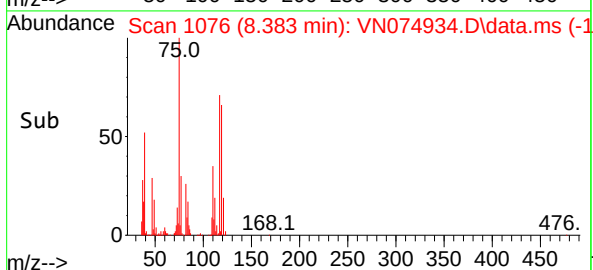
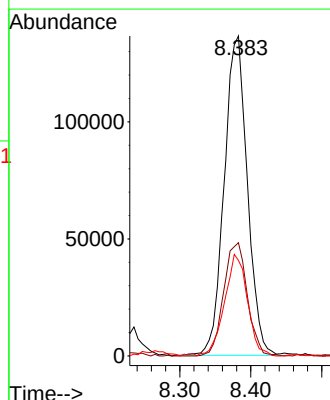
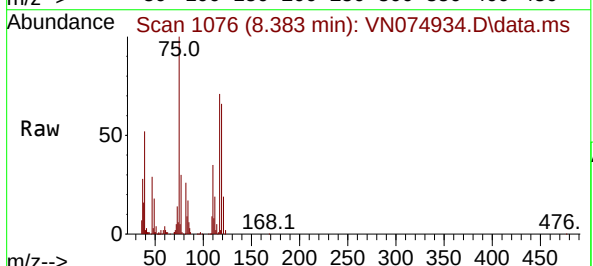
Delta R.T. 0.000 min

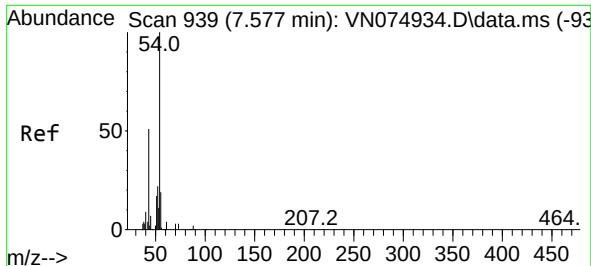
Lab File: VN074934.D

Acq: 19 Oct 2022 16:32

Tgt Ion: 75 Resp: 309305

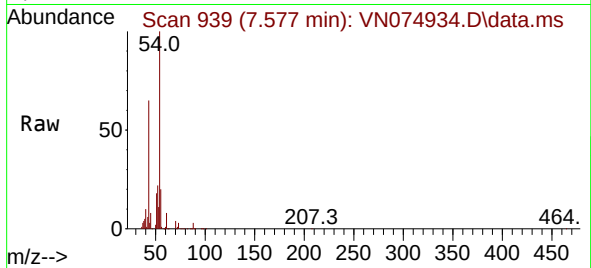
Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.1	54.1
77	31.4	25.1	37.7





#37
Ethyl Acetate
Concen: 49.491 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

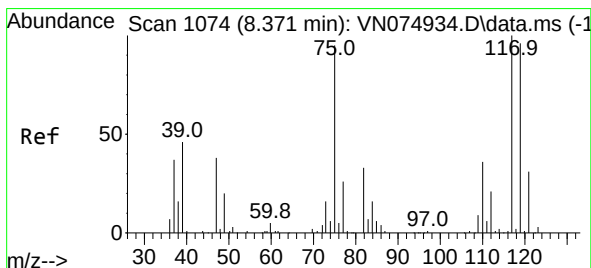
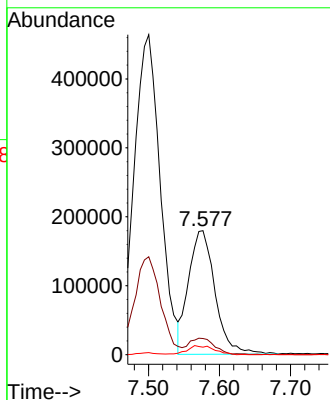
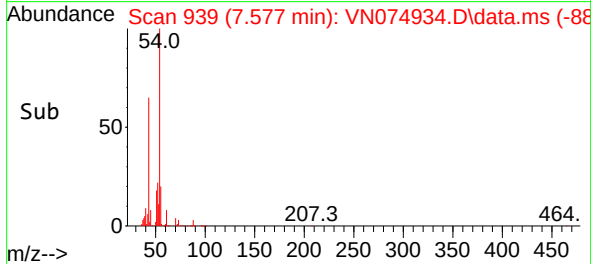
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 466339
Ion Ratio Lower Upper
43 100
61 12.9 10.3 15.5
70 7.4 5.9 8.9

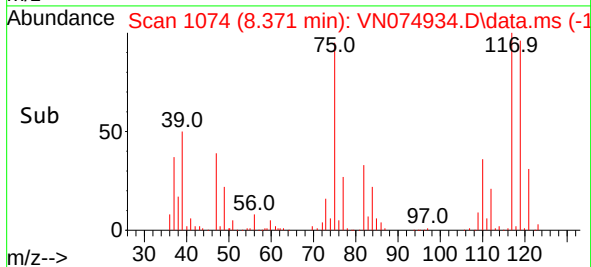
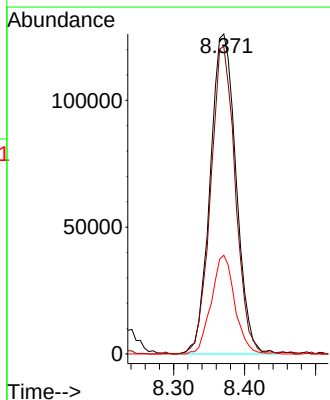
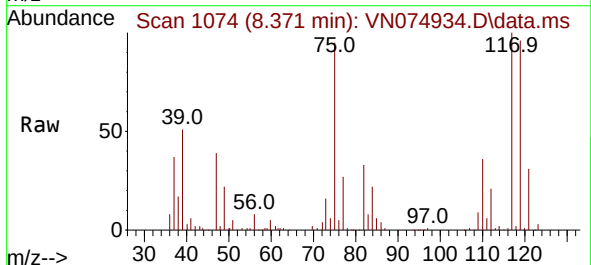
Manual Integrations
APPROVED

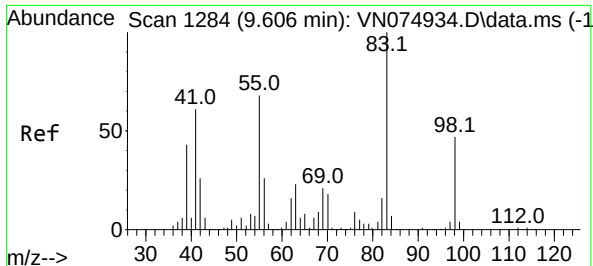
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#38
Carbon Tetrachloride
Concen: 51.068 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

Tgt Ion:117 Resp: 319150
Ion Ratio Lower Upper
117 100
119 96.0 76.8 115.2
121 30.9 24.7 37.1





#39

Methylcyclohexane

Concen: 51.100 ug/l

RT: 9.606 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN074934.D

Acq: 19 Oct 2022 16:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 378480

Ion Ratio Lower Upper

83 100

55 68.3 54.6 82.0

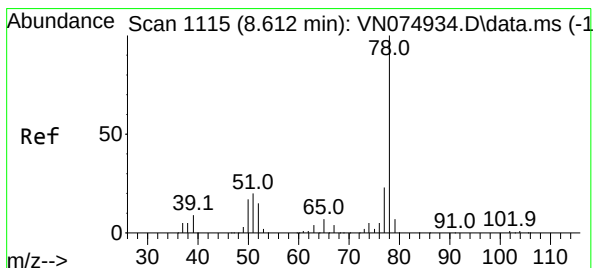
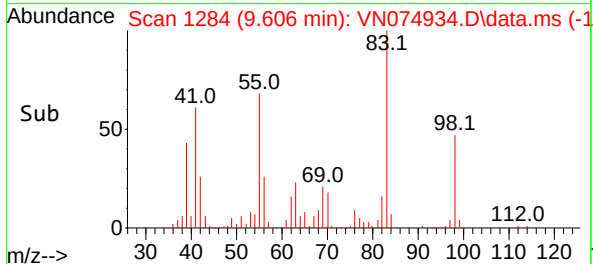
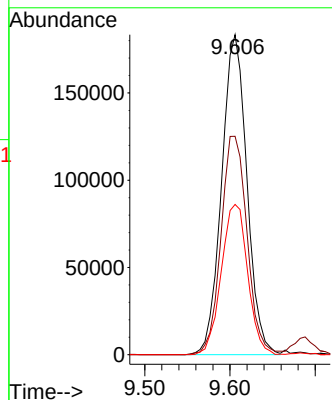
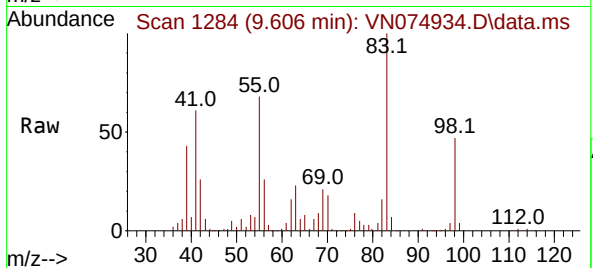
98 47.0 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#40

Benzene

Concen: 50.128 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN074934.D

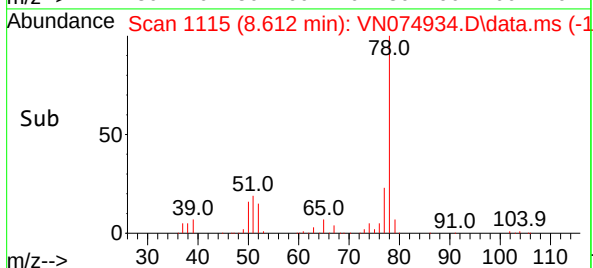
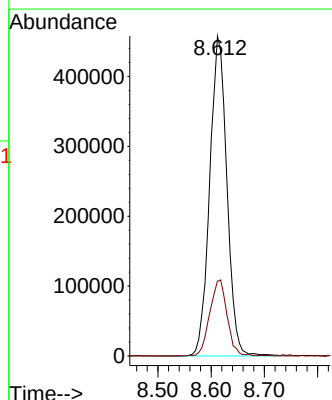
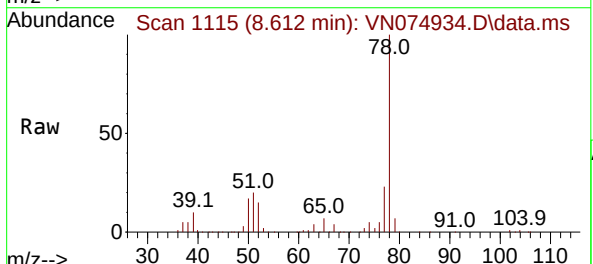
Acq: 19 Oct 2022 16:32

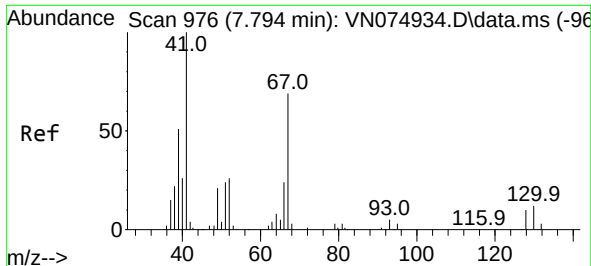
Tgt Ion: 78 Resp: 1027908

Ion Ratio Lower Upper

78 100

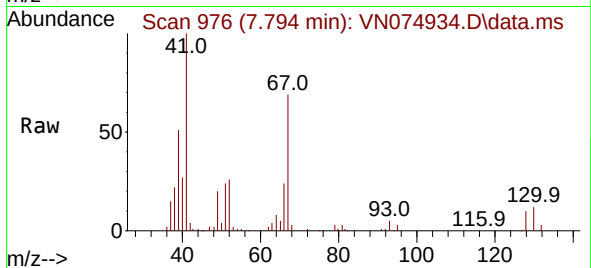
77 23.3 18.6 28.0





#41
Methacrylonitrile
Concen: 48.960 ug/l
RT: 7.794 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

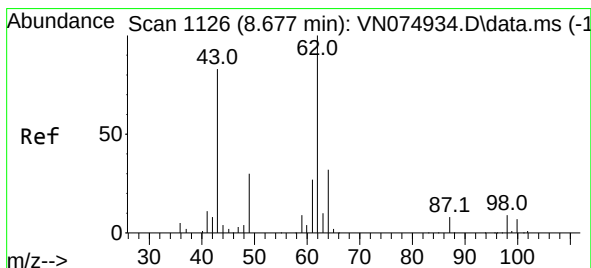
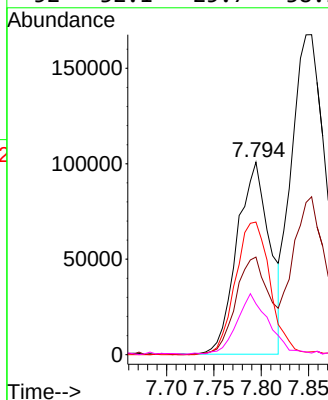
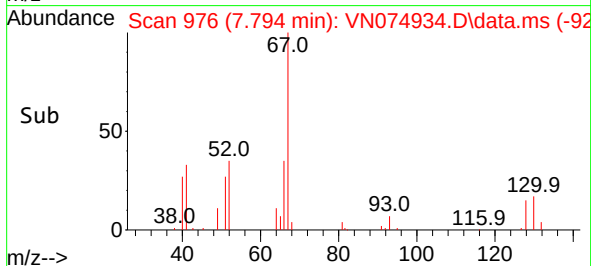
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 24210
Ion Ratio Lower Upper
41 100
39 52.7 42.2 63.2
67 74.1 59.3 88.9
52 32.1 25.7 38.5

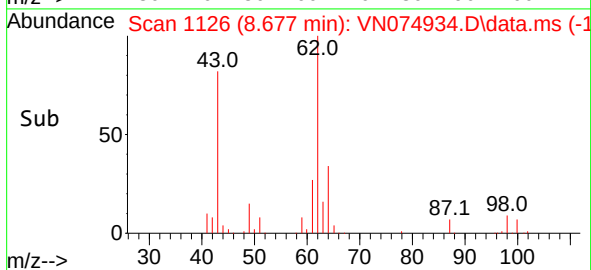
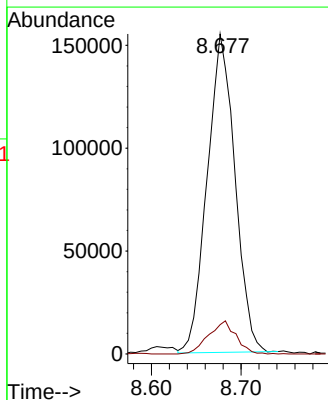
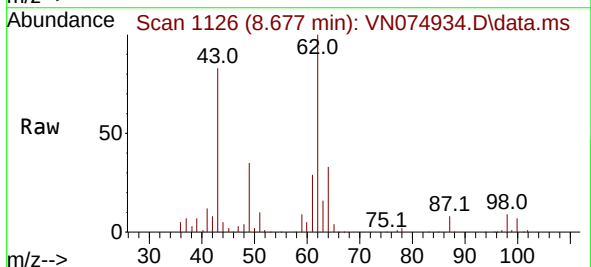
Manual Integrations
APPROVED

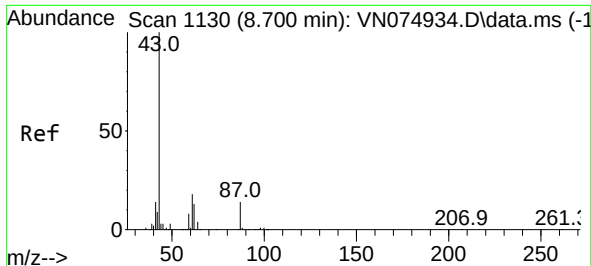
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#42
1,2-Dichloroethane
Concen: 47.516 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

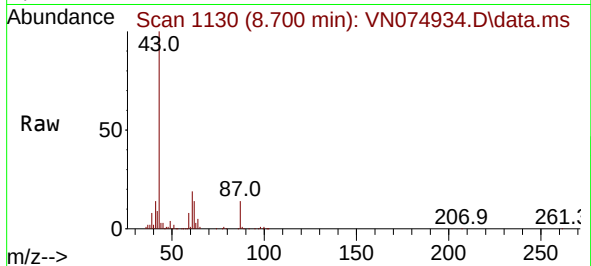
Tgt Ion: 62 Resp: 332936
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.4





#43
Isopropyl Acetate
Concen: 51.315 ug/l
RT: 8.700 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

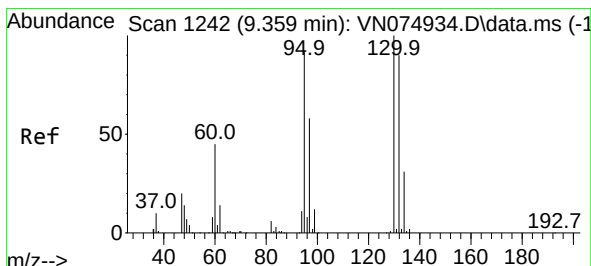
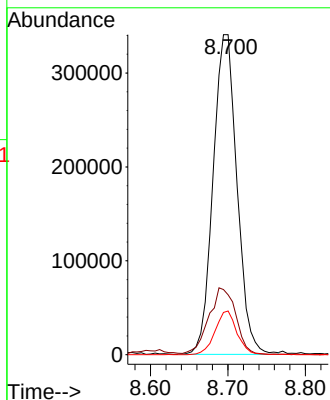
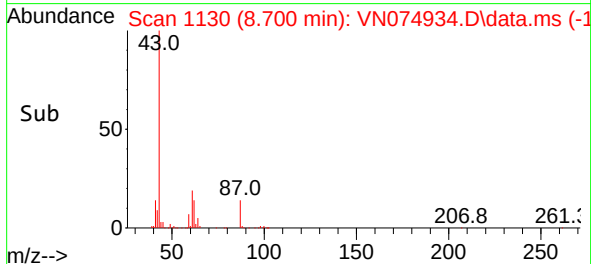
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 730335
Ion Ratio Lower Upper
43 100
61 23.4 18.7 28.1
87 12.5 10.0 15.0

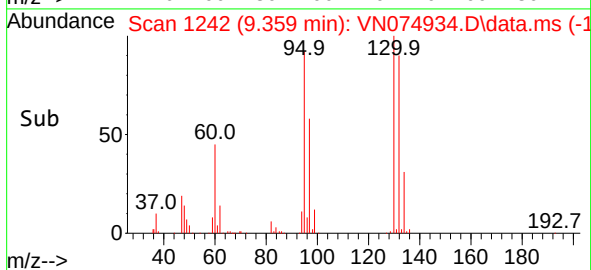
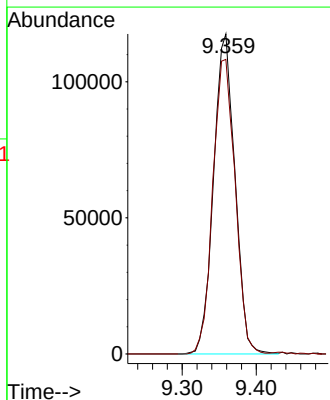
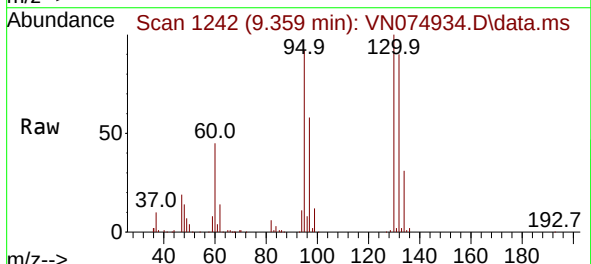
Manual Integrations
APPROVED

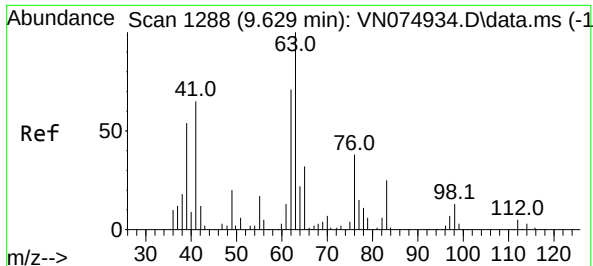
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#44
Trichloroethene
Concen: 49.482 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

Tgt Ion:130 Resp: 235368
Ion Ratio Lower Upper
130 100
95 92.0 0.0 184.0





#45

1,2-Dichloropropane

Concen: 49.147 ug/l

RT: 9.629 min Scan# 1288

Delta R.T. 0.000 min

Lab File: VN074934.D

Acq: 19 Oct 2022 16:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 27691

Ion Ratio Lower Upper

63 100

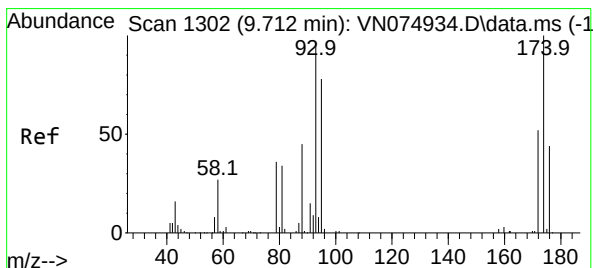
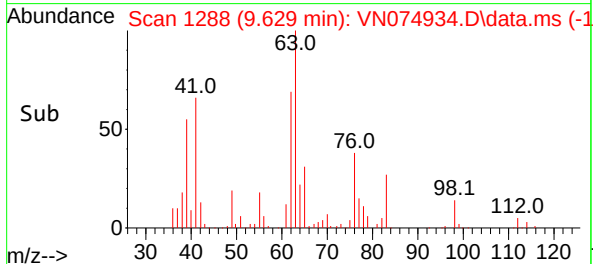
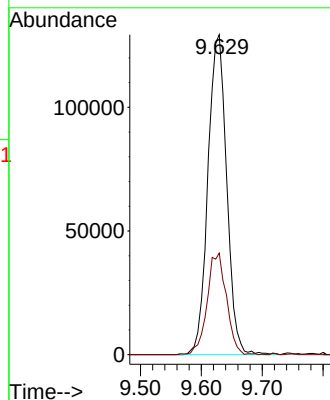
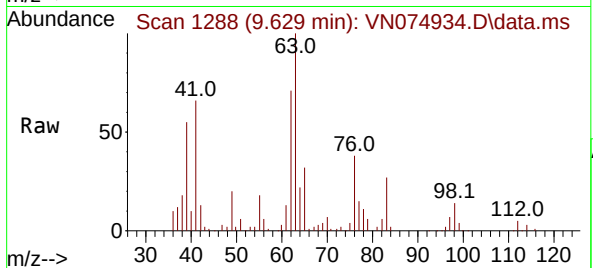
65 31.7 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#46

Dibromomethane

Concen: 47.955 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN074934.D

Acq: 19 Oct 2022 16:32

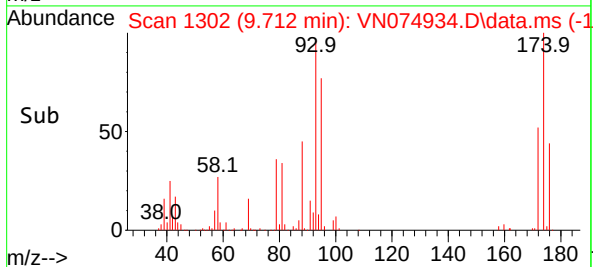
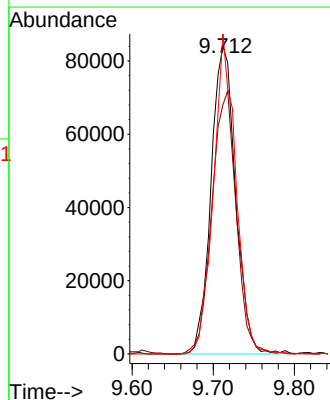
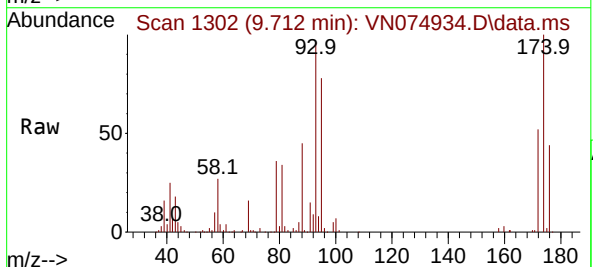
Tgt Ion: 93 Resp: 175843

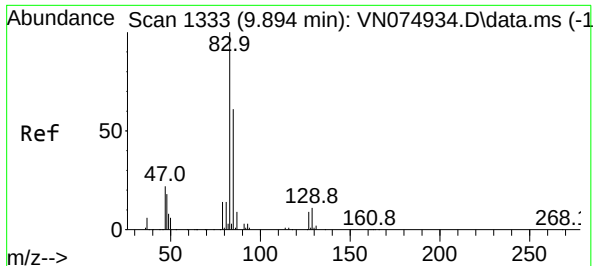
Ion Ratio Lower Upper

93 100

95 85.7 68.6 102.8

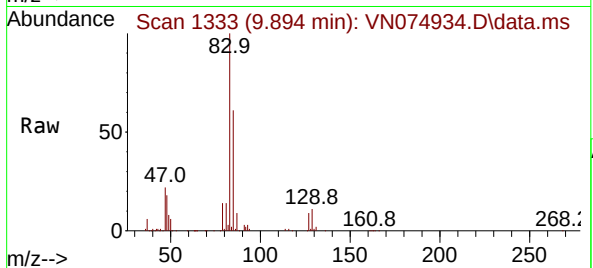
174 95.1 76.1 114.1





#47
Bromodichloromethane
Concen: 50.547 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

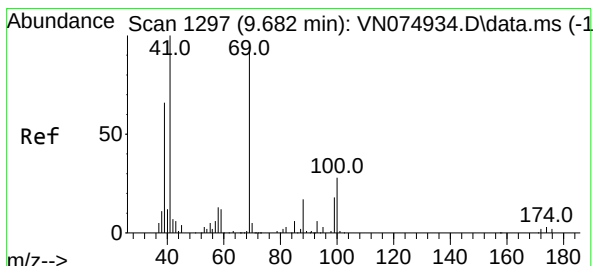
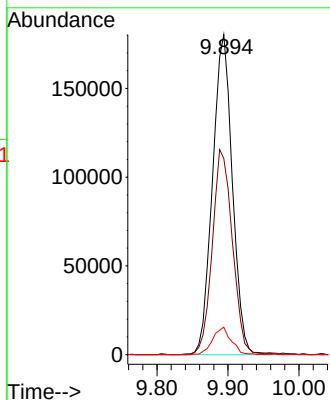
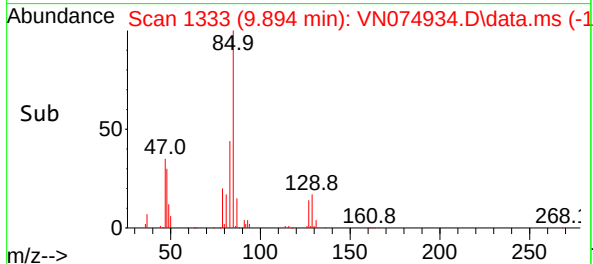
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 34946
Ion Ratio Lower Upper
83 100
85 61.3 49.0 73.6
127 8.6 6.9 10.3

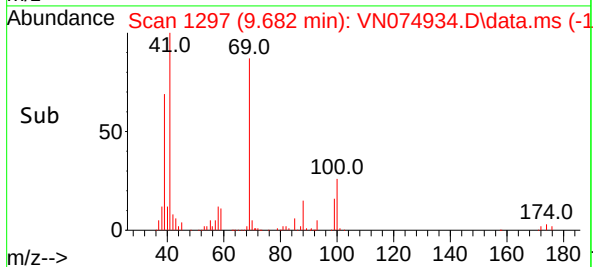
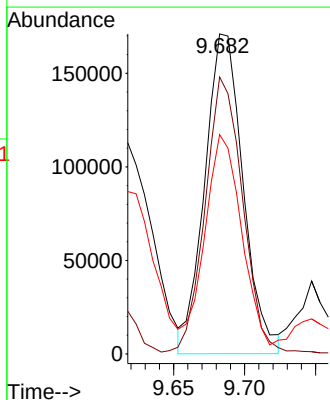
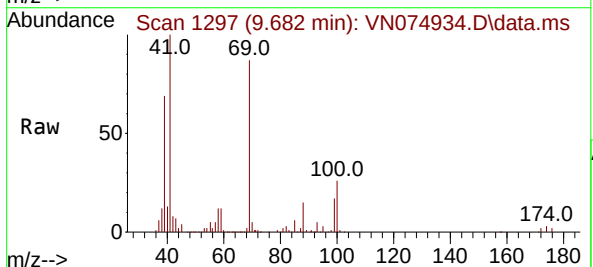
Manual Integrations
APPROVED

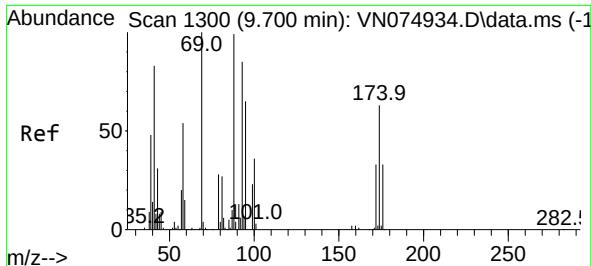
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#48
Methyl methacrylate
Concen: 51.647 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

Tgt Ion: 41 Resp: 321410
Ion Ratio Lower Upper
41 100
69 84.9 67.9 101.9
39 67.0 53.6 80.4





#49

1,4-Dioxane

Concen: 1013.230 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN074934.D

Acq: 19 Oct 2022 16:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 14048

Ion Ratio Lower Upper

88 100

43 29.1 23.3 34.9

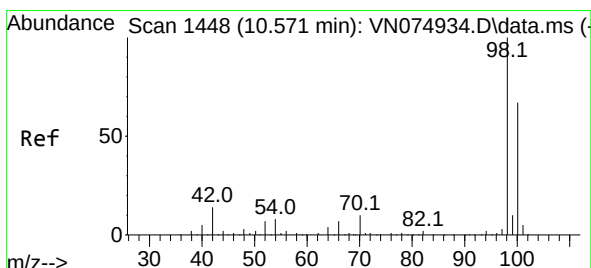
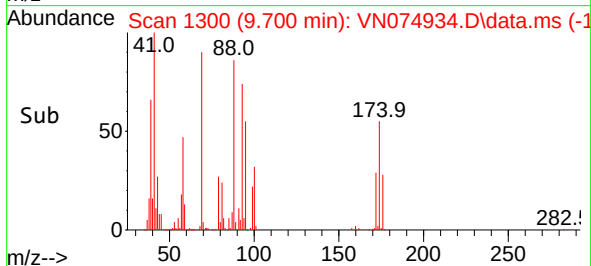
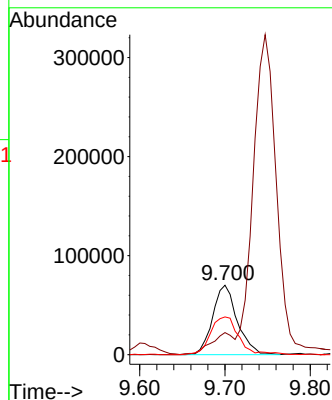
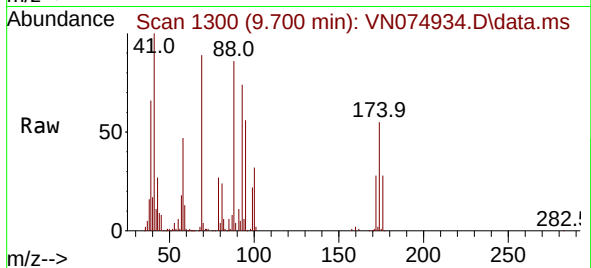
58 62.6 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#50

Toluene-d8

Concen: 53.318 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN074934.D

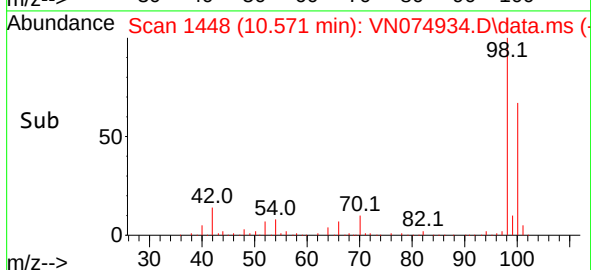
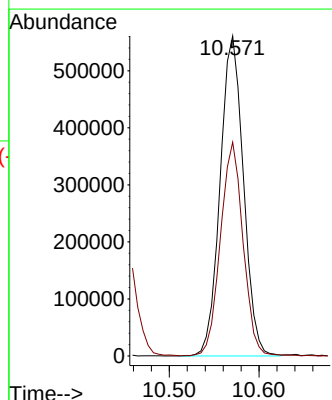
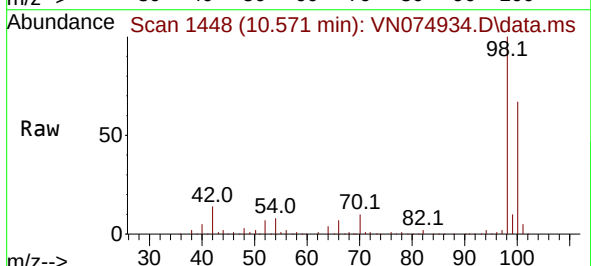
Acq: 19 Oct 2022 16:32

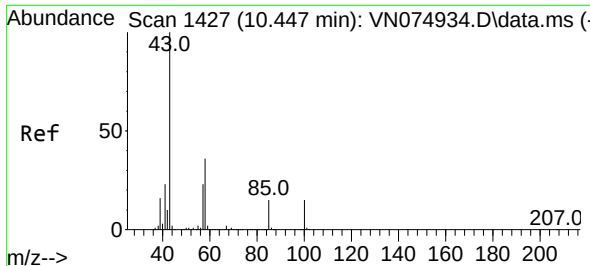
Tgt Ion: 98 Resp: 1009974

Ion Ratio Lower Upper

98 100

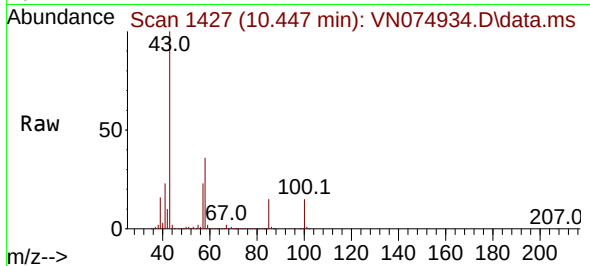
100 65.1 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 265.288 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

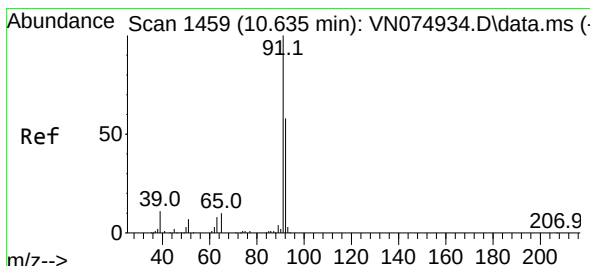
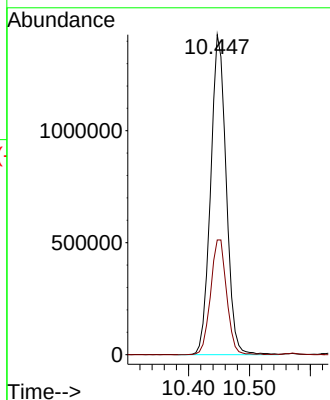
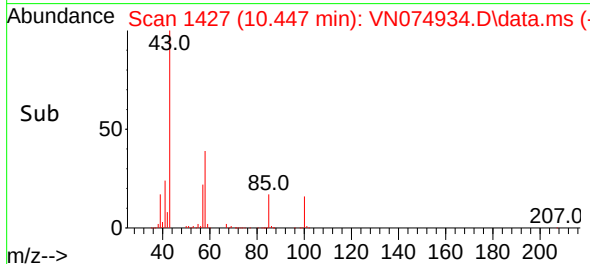
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 253295
Ion Ratio Lower Upper
43 100
58 37.0 29.6 44.4

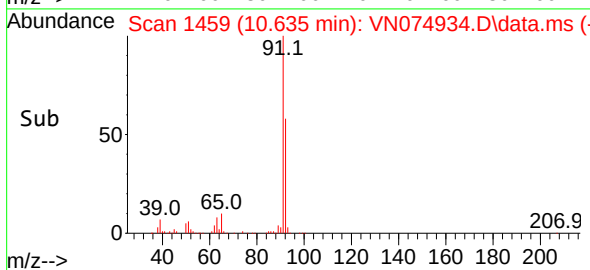
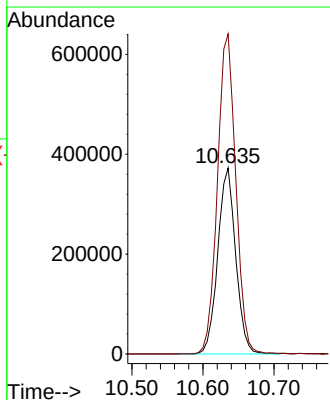
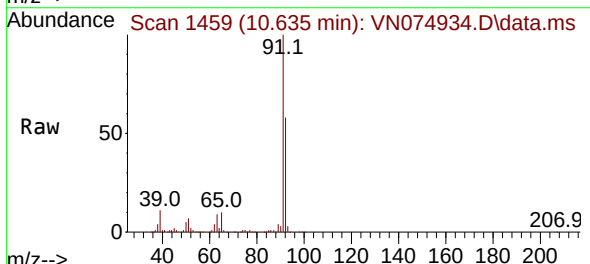
Manual Integrations
APPROVED

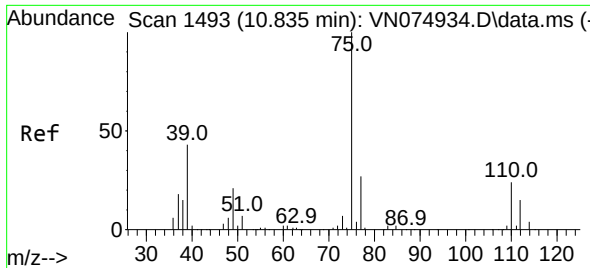
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#52
Toluene
Concen: 50.744 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

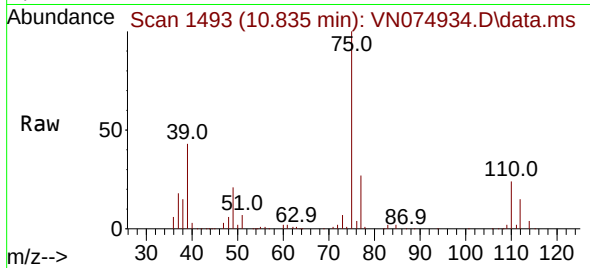
Tgt Ion: 92 Resp: 651411
Ion Ratio Lower Upper
92 100
91 176.1 140.9 211.3





#53
t-1,3-Dichloropropene
Concen: 54.174 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

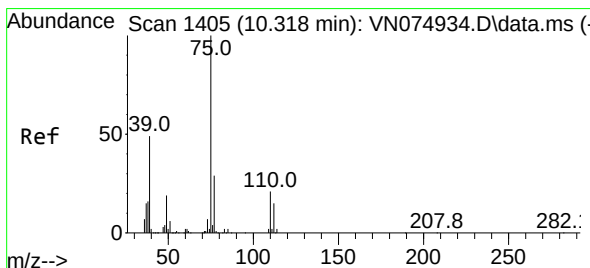
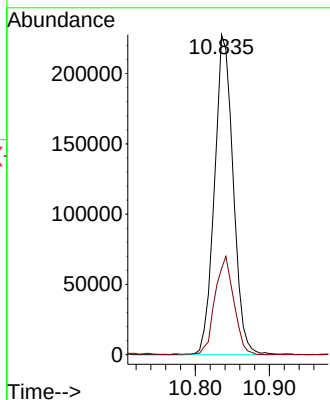
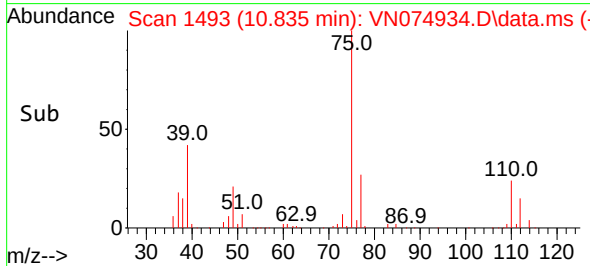
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



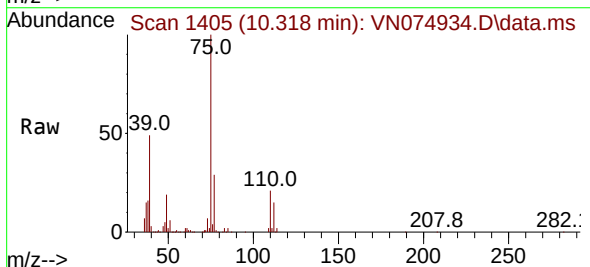
Tgt Ion: 75 Resp: 399132
Ion Ratio Lower Upper
75 100
77 26.8 21.4 32.2

Manual Integrations
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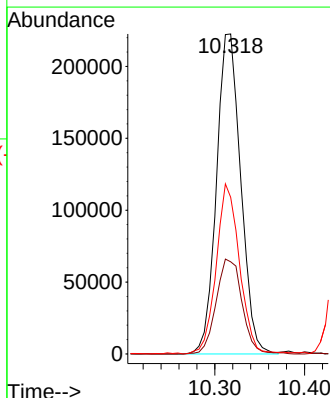
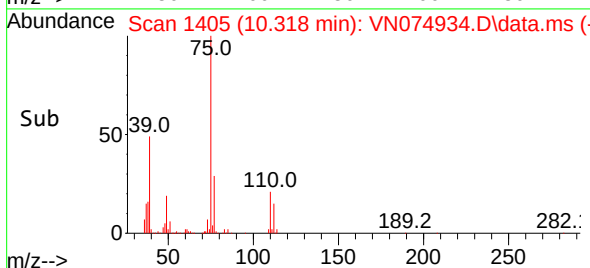
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

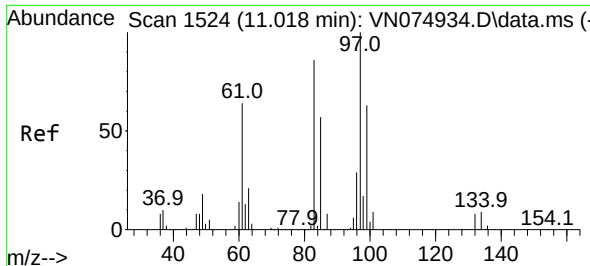


#54
cis-1,3-Dichloropropene
Concen: 51.425 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32



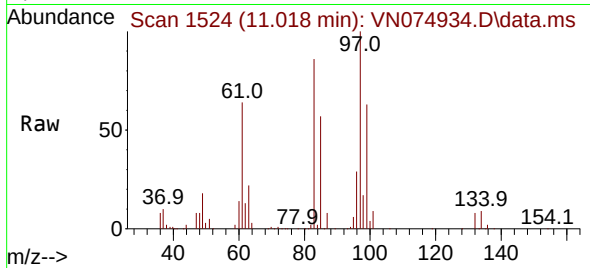
Tgt Ion: 75 Resp: 418027
Ion Ratio Lower Upper
75 100
77 28.8 23.0 34.6
39 48.6 38.9 58.3





#55
1,1,2-Trichloroethane
Concen: 52.653 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

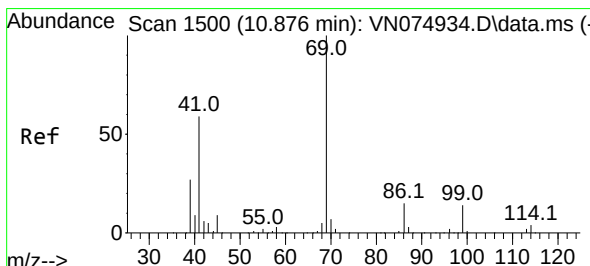
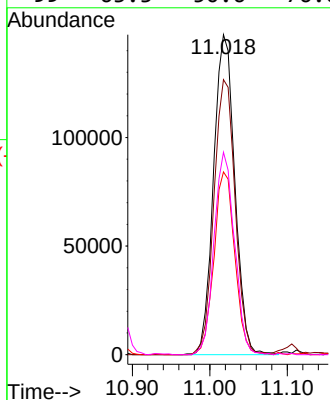
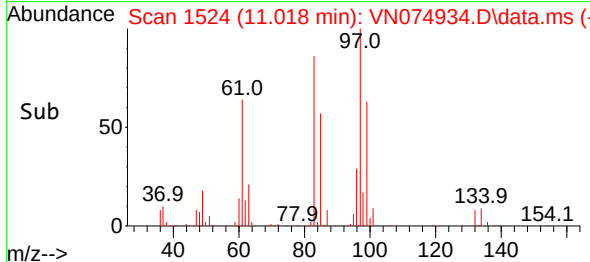
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



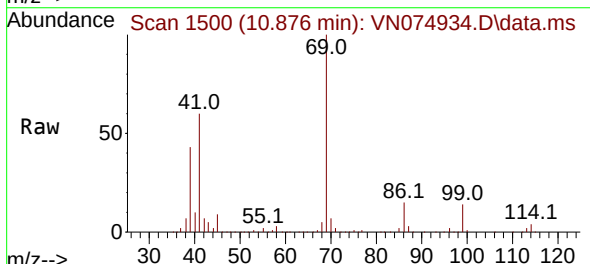
Tgt Ion: 97 Resp: 280544
Ion Ratio Lower Upper
97 100
83 86.0 68.8 103.2
85 57.1 45.7 68.5
99 63.3 50.6 76.0

Manual Integrations
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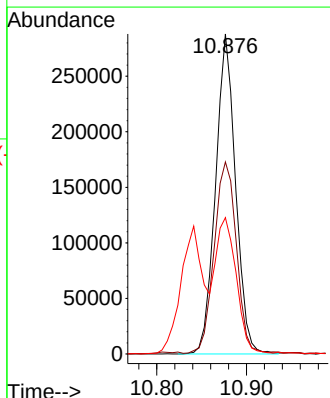
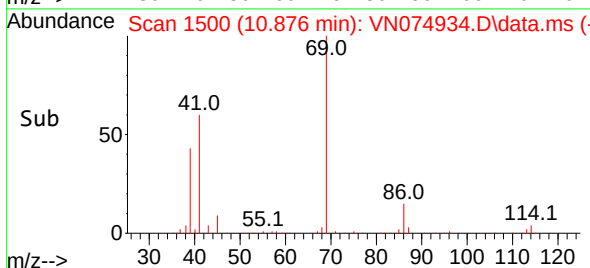
Reviewed By :John Carbone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

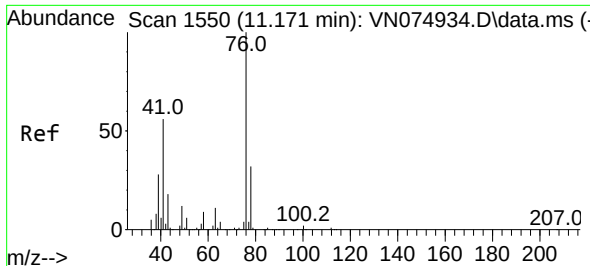


#56
Ethyl methacrylate
Concen: 54.255 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32



Tgt Ion: 69 Resp: 446761
Ion Ratio Lower Upper
69 100
41 66.9 53.5 80.3
39 43.3 34.6 52.0





#57

1,3-Dichloropropane

Concen: 51.696 ug/l

RT: 11.171 min Scan# 1550

Delta R.T. 0.000 min

Lab File: VN074934.D

Acq: 19 Oct 2022 16:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 481398

Ion Ratio Lower Upper

76 100

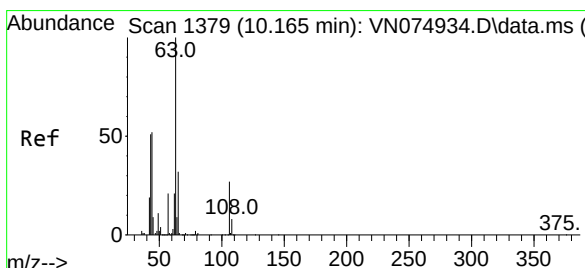
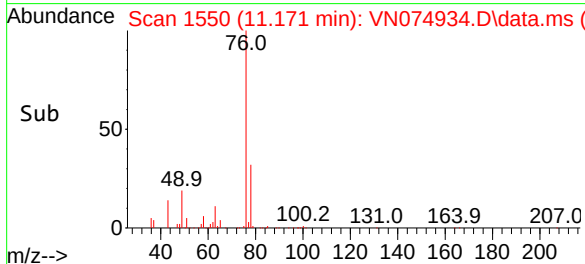
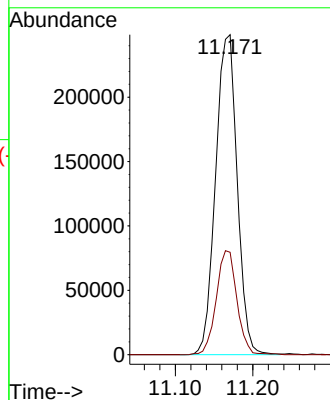
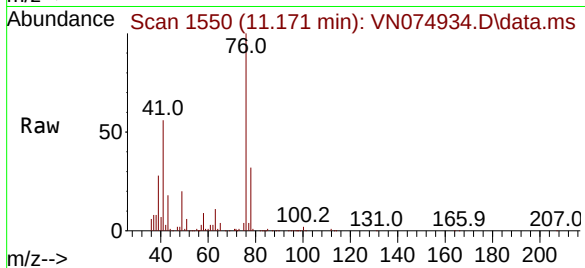
78 31.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#58

2-Chloroethyl Vinyl ether

Concen: 283.932 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN074934.D

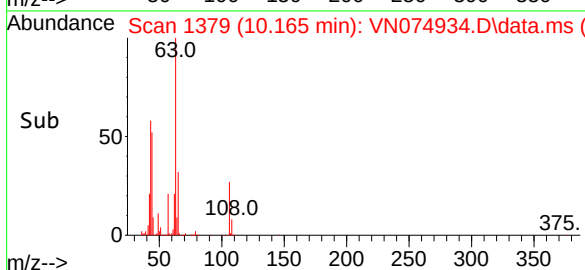
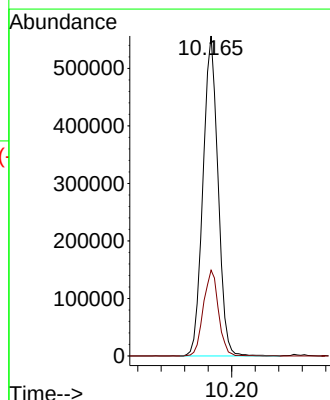
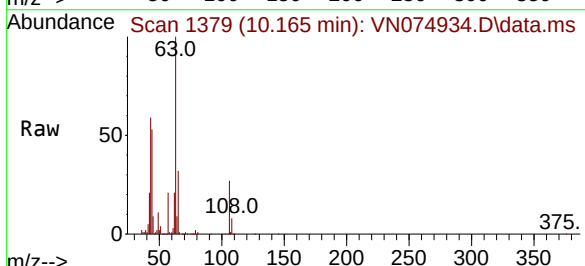
Acq: 19 Oct 2022 16:32

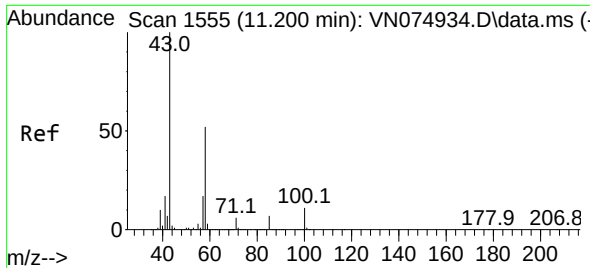
Tgt Ion: 63 Resp: 985224

Ion Ratio Lower Upper

63 100

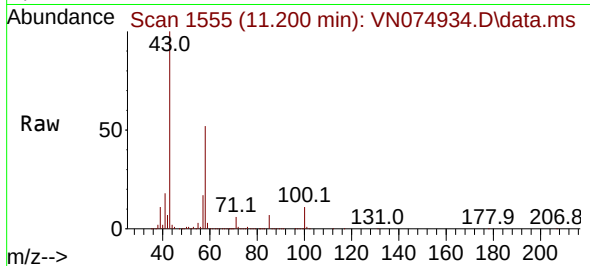
106 26.9 21.5 32.3





#59
2-Hexanone
Concen: 269.853 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

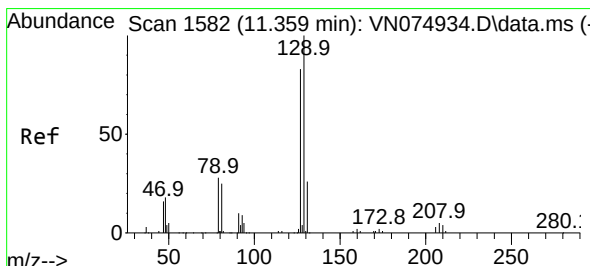
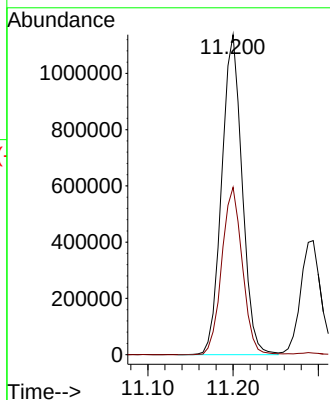
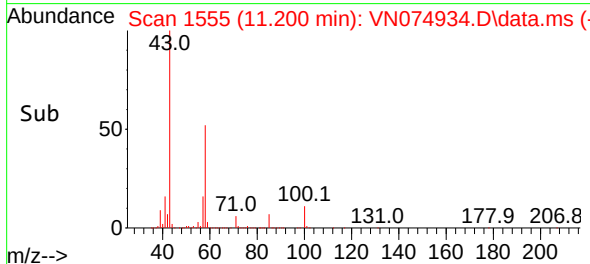
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



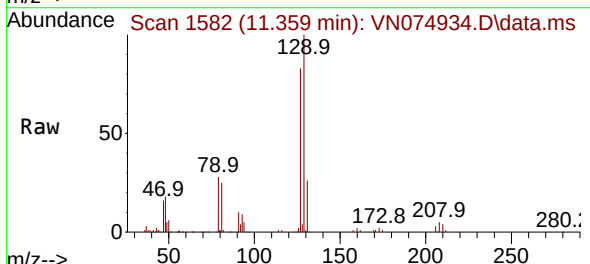
Tgt Ion: 43 Resp: 1895699
Ion Ratio Lower Upper
43 100
58 52.5 26.3 78.8

Manual Integrations
APPROVED

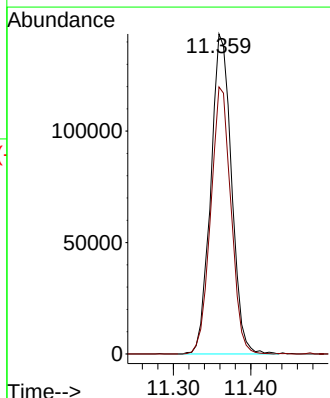
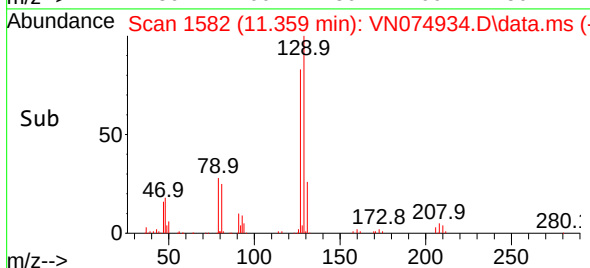
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

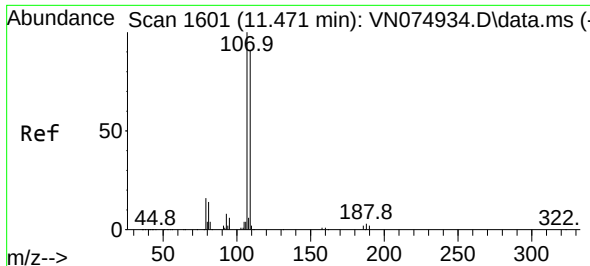


#60
Dibromochloromethane
Concen: 51.236 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32



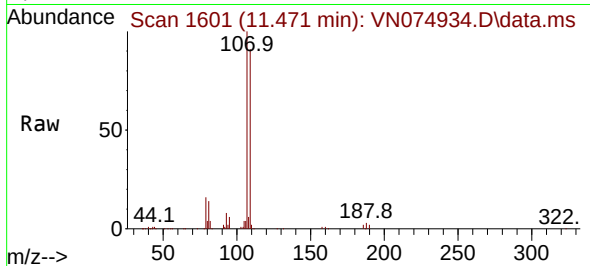
Tgt Ion:129 Resp: 267237
Ion Ratio Lower Upper
129 100
127 81.3 40.6 122.0





#61
1,2-Dibromoethane
Concen: 50.361 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

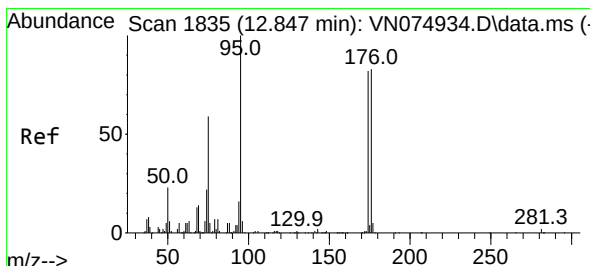
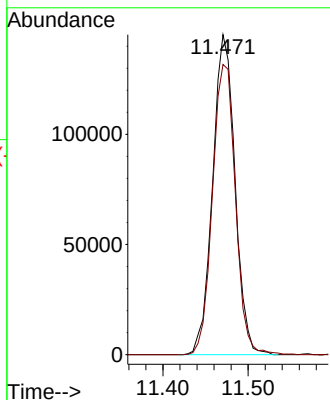
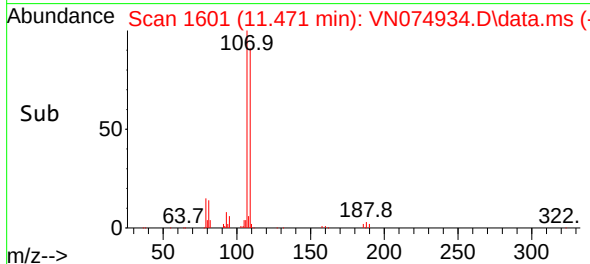
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



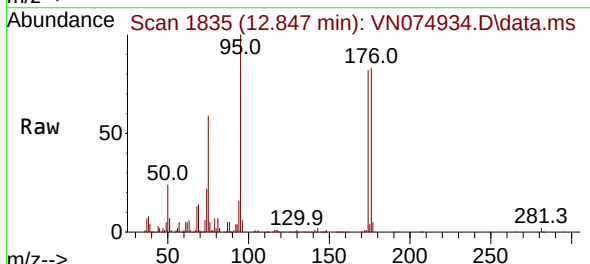
Tgt Ion:107 Resp: 265058
Ion Ratio Lower Upper
107 100
109 93.2 74.6 111.8

Manual Integrations
APPROVED

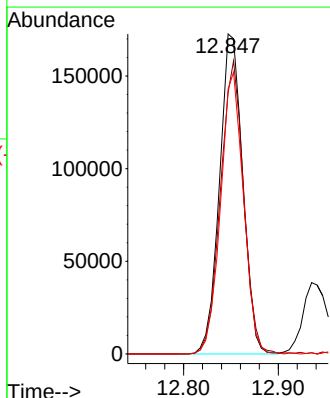
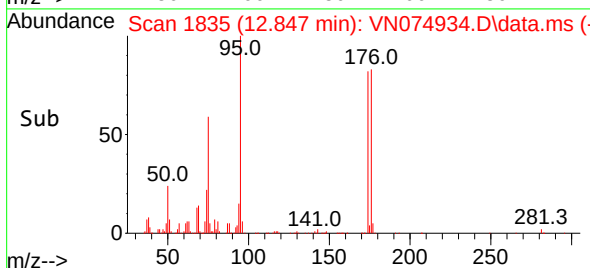
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

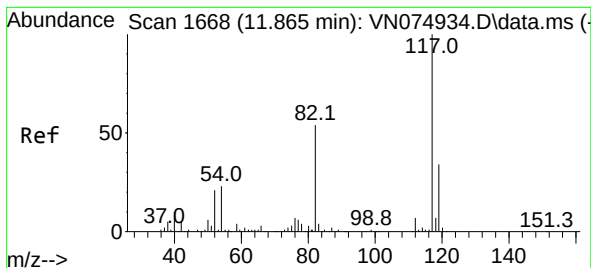


#62
4-Bromofluorobenzene
Concen: 56.859 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32



Tgt Ion: 95 Resp: 294229
Ion Ratio Lower Upper
95 100
174 91.4 0.0 182.8
176 86.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074934.D

Acq: 19 Oct 2022 16:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:117 Resp: 48648

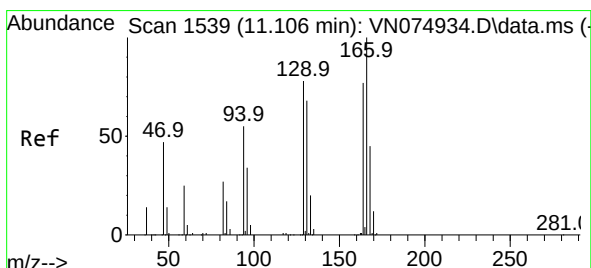
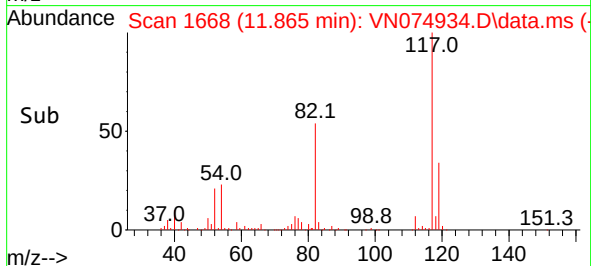
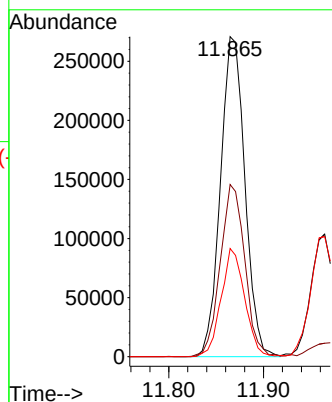
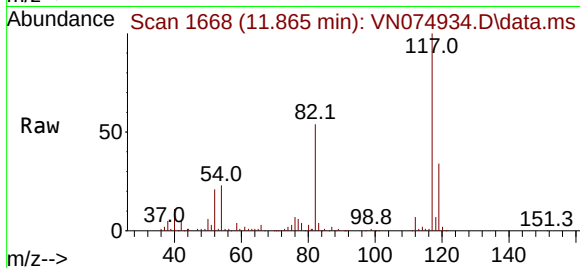
Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.0	64.6
119	33.8	27.0	40.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#64

Tetrachloroethene

Concen: 46.029 ug/l

RT: 11.106 min Scan# 1539

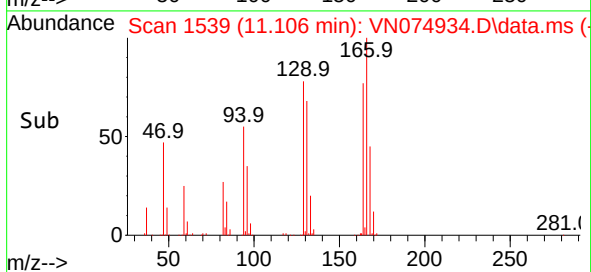
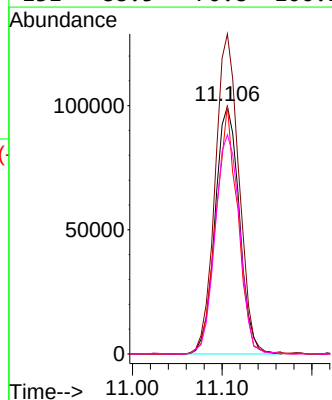
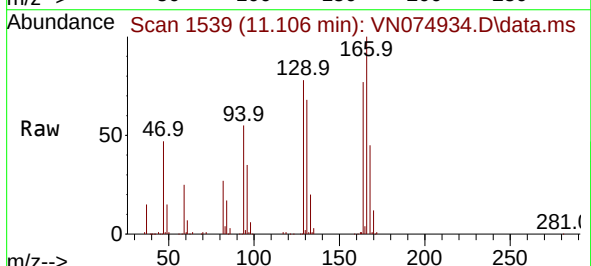
Delta R.T. 0.000 min

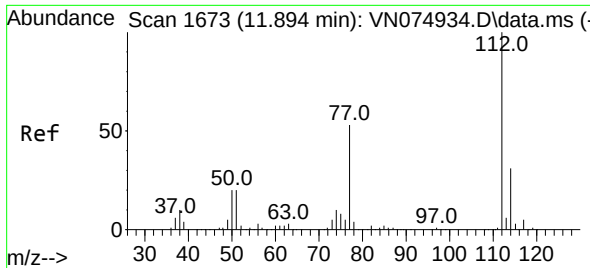
Lab File: VN074934.D

Acq: 19 Oct 2022 16:32

Tgt Ion:164 Resp: 186732

Ion	Ratio	Lower	Upper
164	100		
166	129.2	103.4	155.0
129	100.4	80.3	120.5
131	88.5	70.8	106.2





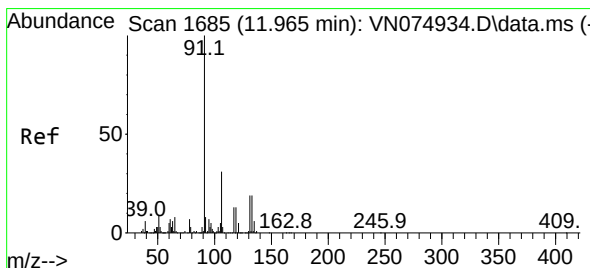
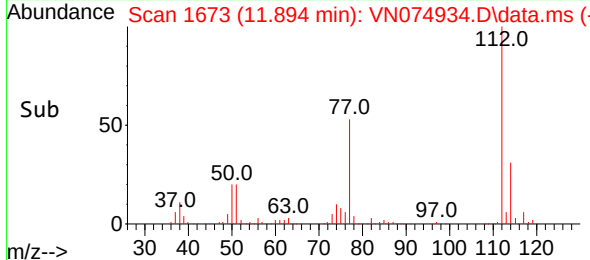
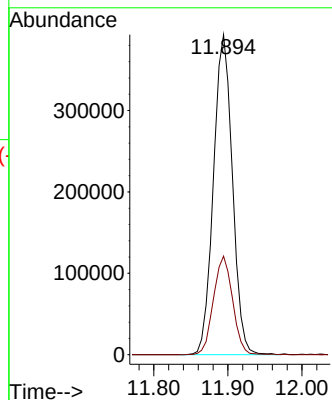
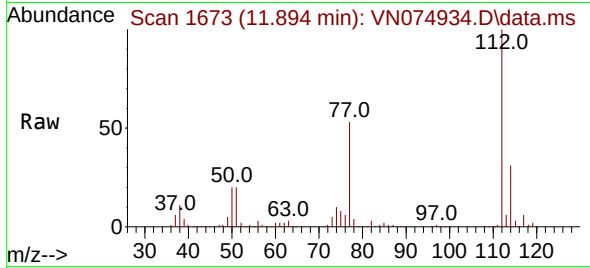
#65
Chlorobenzene
Concen: 49.557 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 698464
Ion Ratio Lower Upper
112 100
114 30.8 24.6 37.0

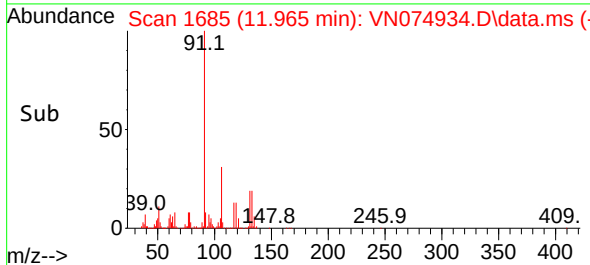
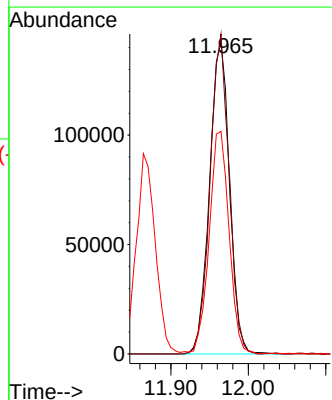
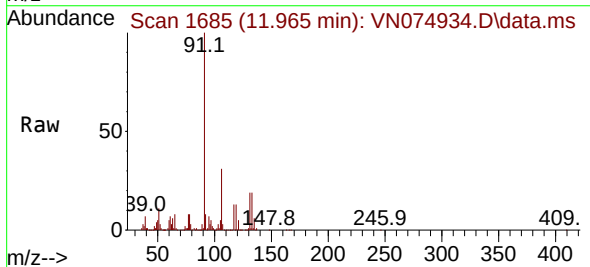
Manual Integrations
APPROVED

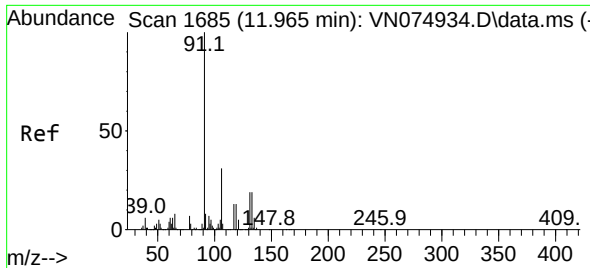
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 48.007 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

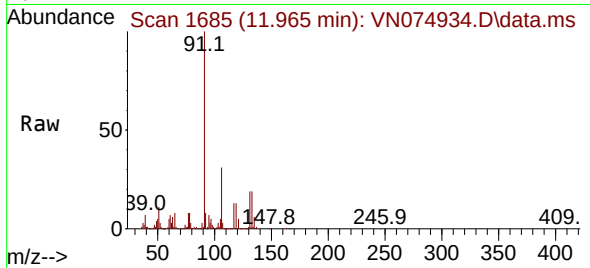
Tgt Ion:131 Resp: 255820
Ion Ratio Lower Upper
131 100
133 97.7 48.9 146.6
119 70.5 35.3 105.7





#67
Ethyl Benzene
Concen: 52.477 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

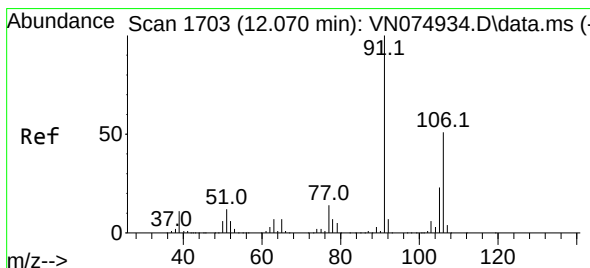
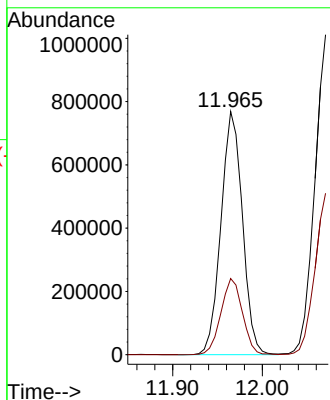
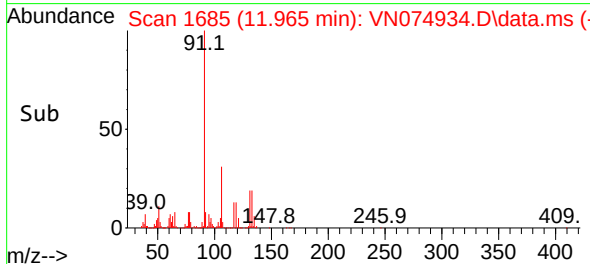
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 1277380
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6

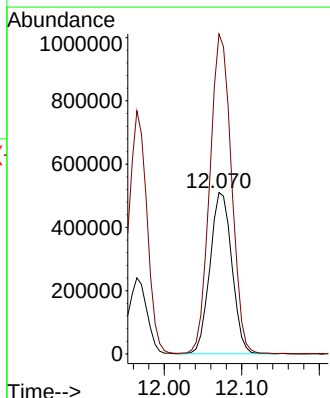
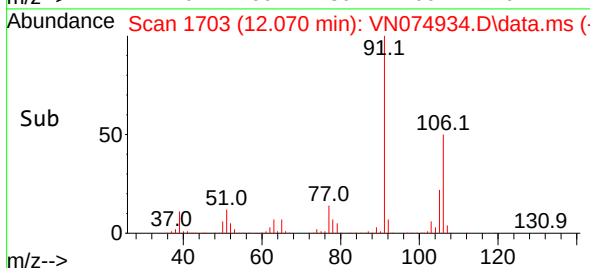
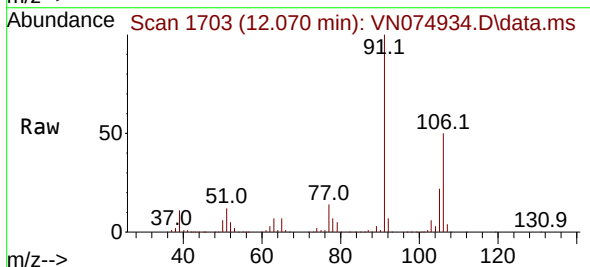
Manual Integrations
APPROVED

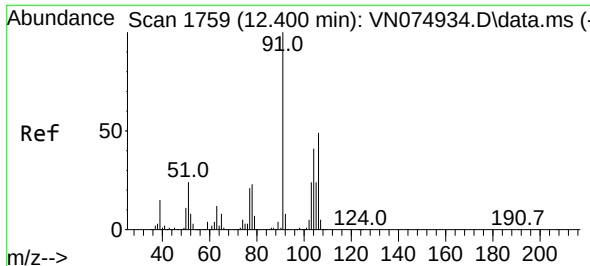
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#68
m/p-Xylenes
Concen: 106.517 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

Tgt Ion:106 Resp: 998933
Ion Ratio Lower Upper
106 100
91 196.8 157.4 236.2





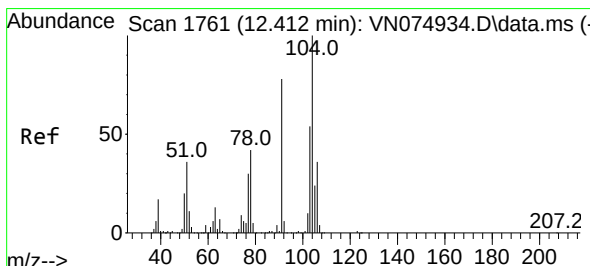
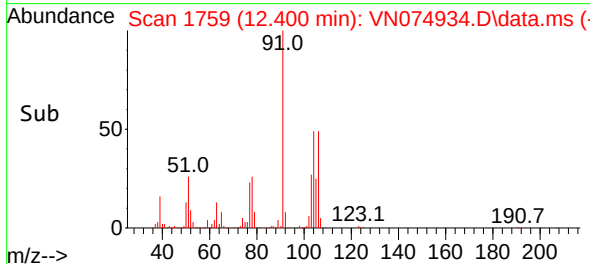
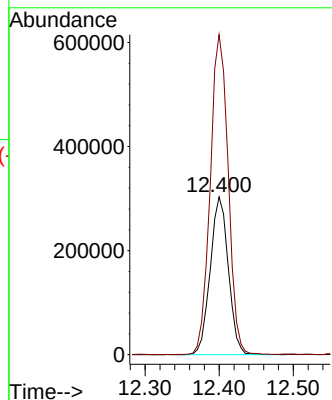
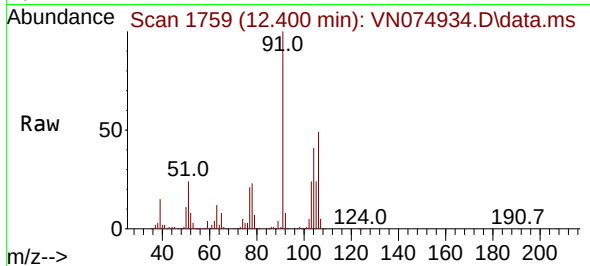
#69
o-Xylene
Concen: 53.354 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 514190
Ion Ratio Lower Upper
106 100
91 202.1 101.1 303.1

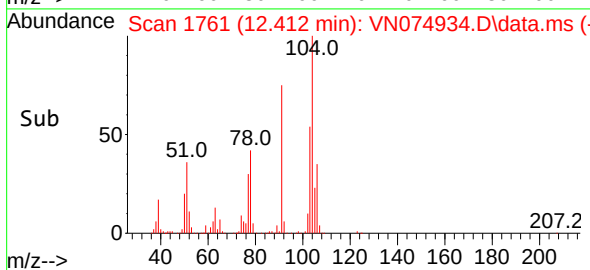
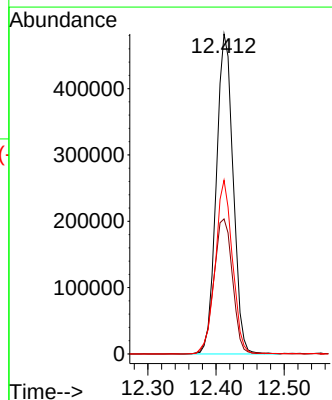
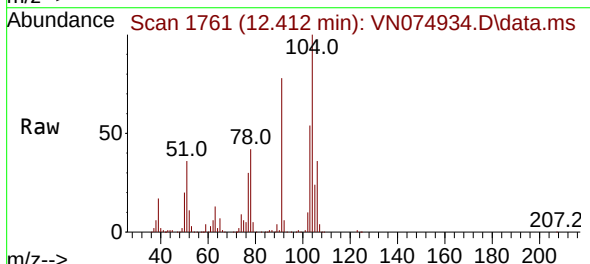
Manual Integrations
APPROVED

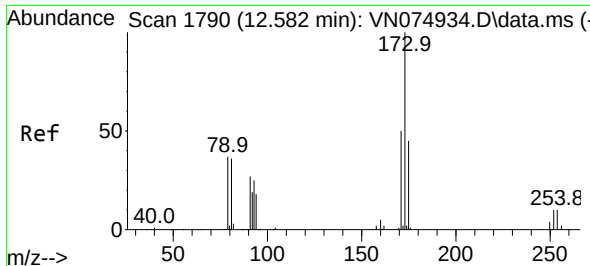
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#70
Styrene
Concen: 57.154 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

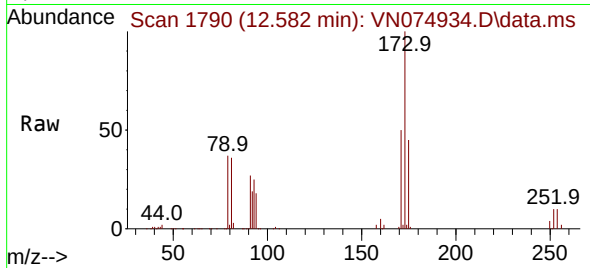
Tgt Ion:104 Resp: 827686
Ion Ratio Lower Upper
104 100
78 46.8 37.4 56.2
103 55.7 44.6 66.8





#71
Bromoform
Concen: 57.247 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

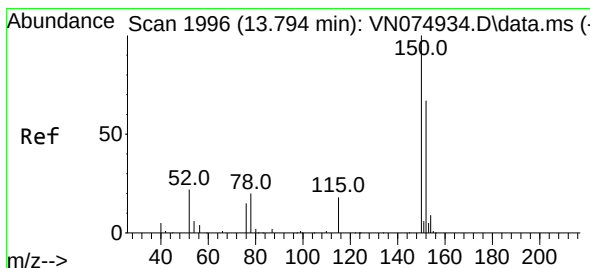
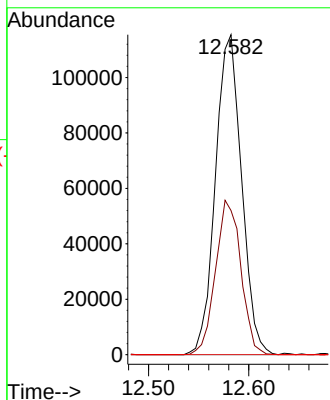
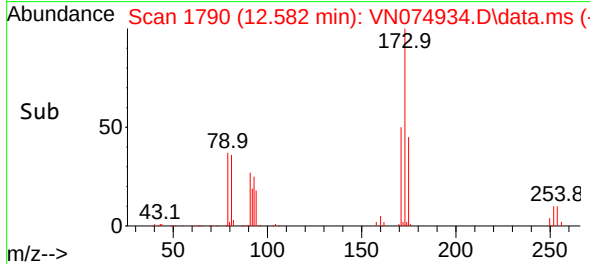
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



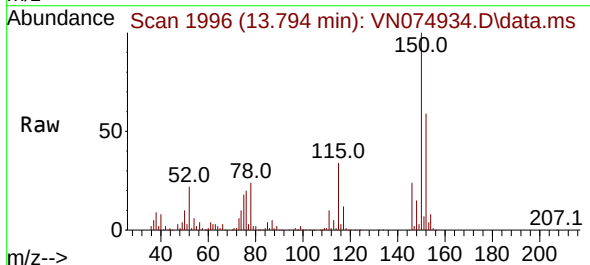
Tgt Ion:173 Resp: 20886
Ion Ratio Lower Upper
173 100
175 46.8 23.4 70.2
254 0.0 0.0 0.0

Manual Integrations
APPROVED

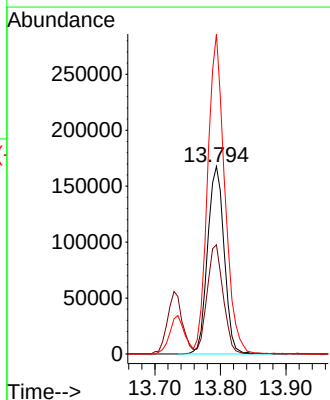
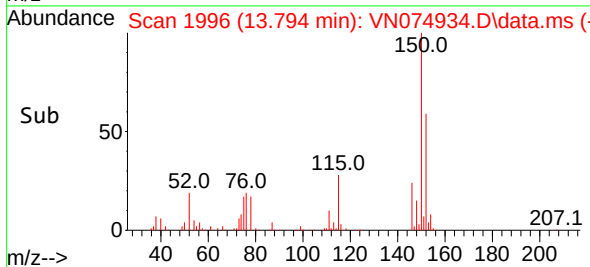
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

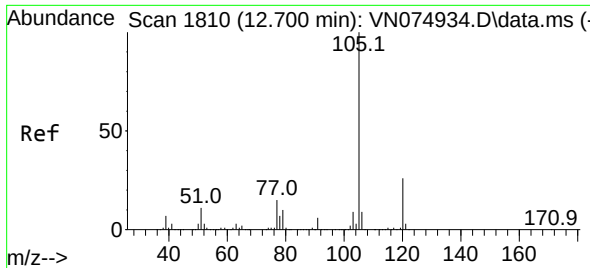


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32



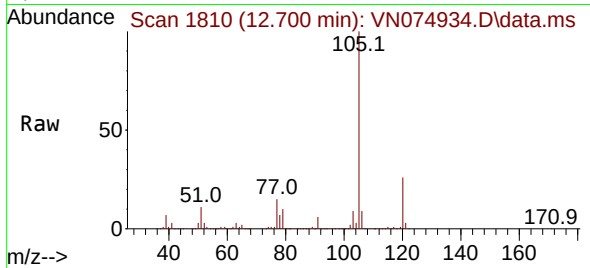
Tgt Ion:152 Resp: 294580
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.6
150 176.0 0.0 352.0





#73
Isopropylbenzene
Concen: 48.239 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

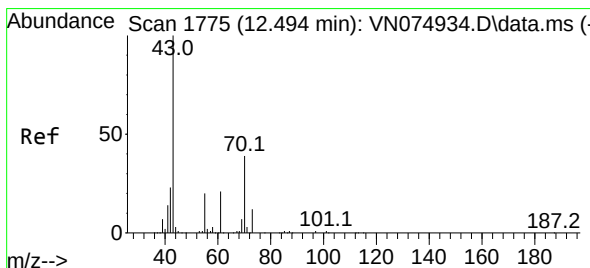
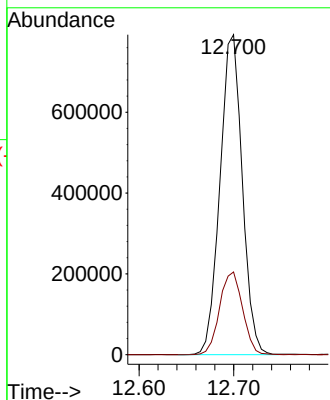
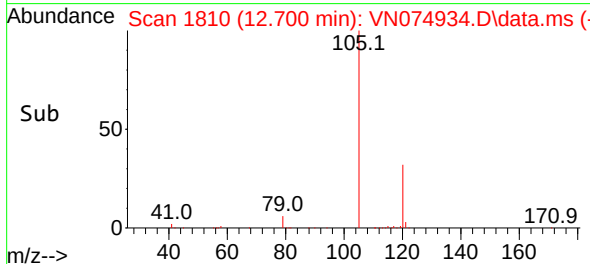
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



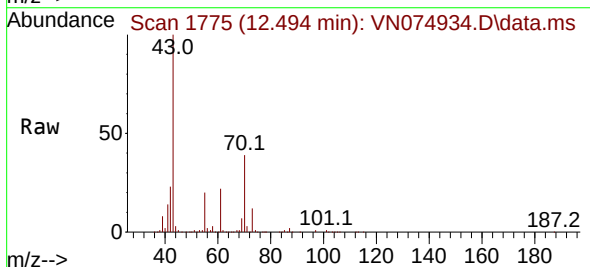
Tgt Ion:105 Resp: 129562
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

Manual Integrations
APPROVED

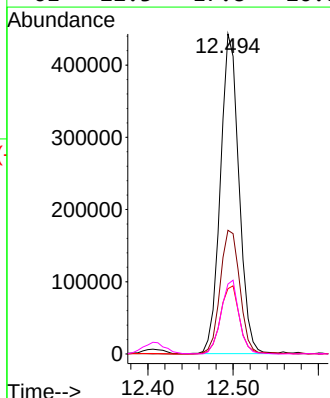
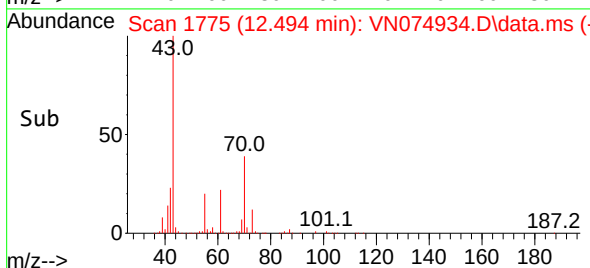
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

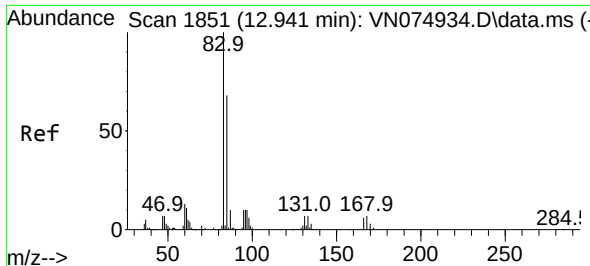


#74
N-ethyl acetate
Concen: 49.994 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32



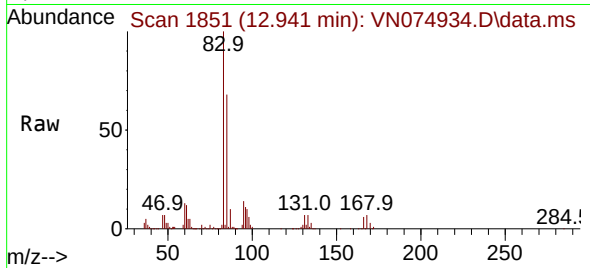
Tgt Ion: 43 Resp: 671595
Ion Ratio Lower Upper
43 100
70 41.1 32.9 49.3
55 22.1 17.7 26.5
61 22.3 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 44.655 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

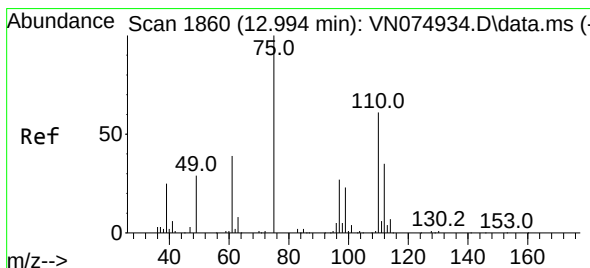
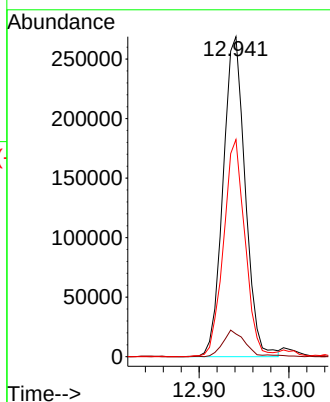
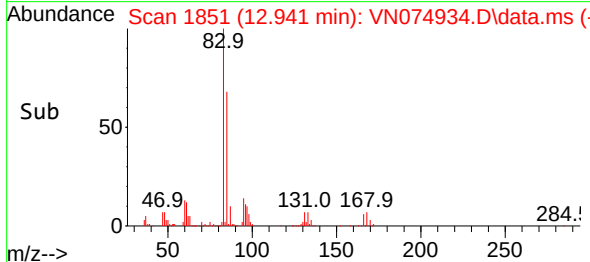
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



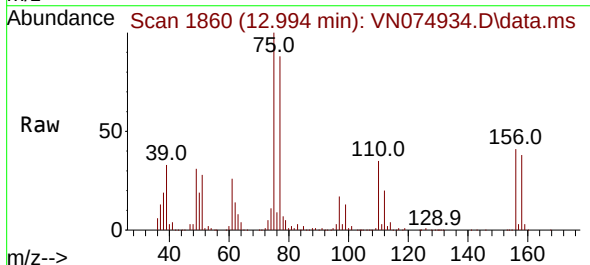
Tgt Ion: 83 Resp: 460392
Ion Ratio Lower Upper
83 100
131 8.5 4.3 12.8
85 65.9 33.0 98.9

Manual Integrations
APPROVED

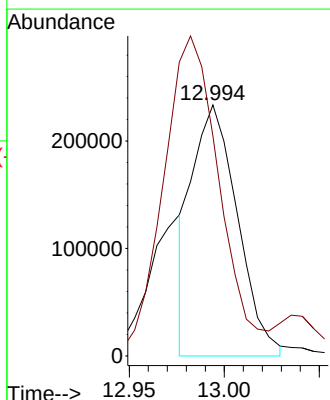
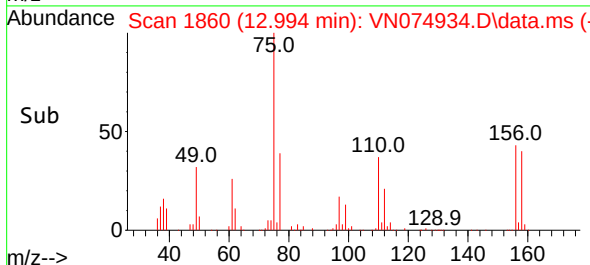
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

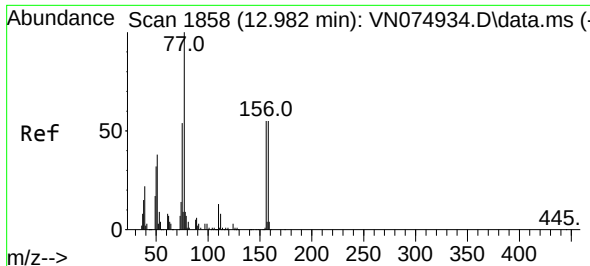


#76
1,2,3-Trichloropropane
Concen: 52.404 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32



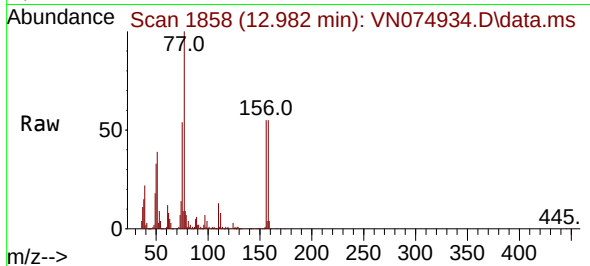
Tgt Ion: 75 Resp: 385620
Ion Ratio Lower Upper
75 100
77 159.6 79.8 239.4





#77
Bromobenzene
Concen: 48.611 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

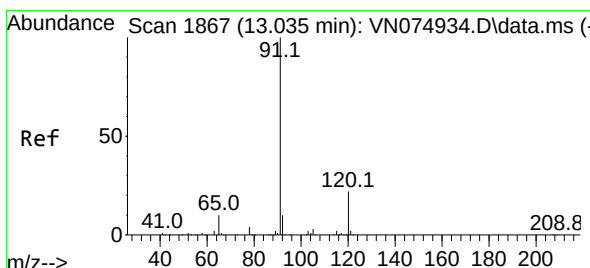
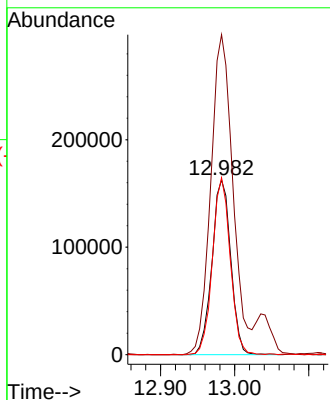
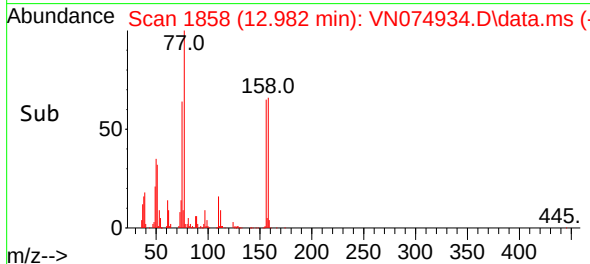
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



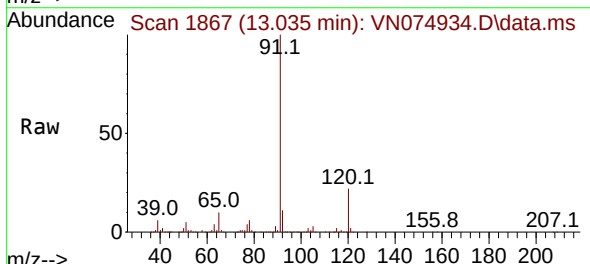
Tgt Ion:156 Resp: 285412
Ion Ratio Lower Upper
156 100
77 215.7 107.8 323.6
158 96.4 48.2 144.6

Manual Integrations
APPROVED

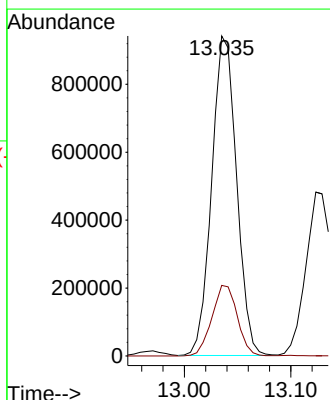
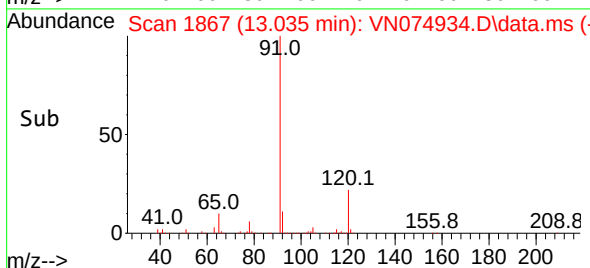
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

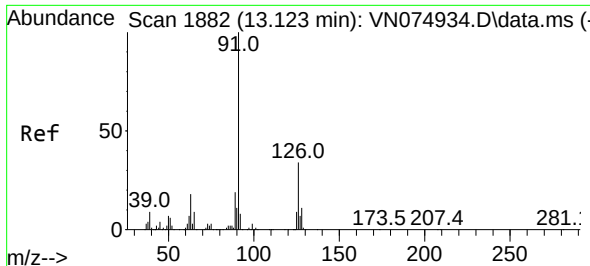


#78
n-propylbenzene
Concen: 50.849 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32



Tgt Ion: 91 Resp: 1526154
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.9





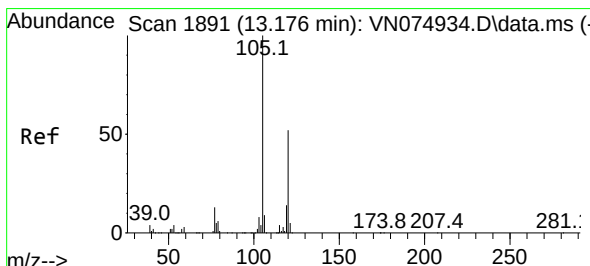
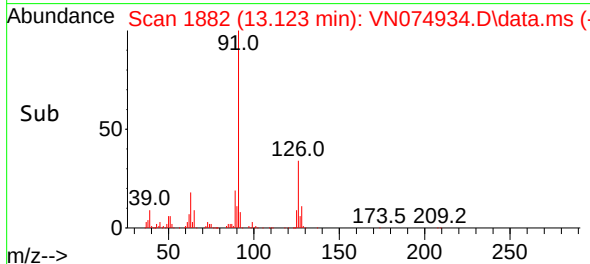
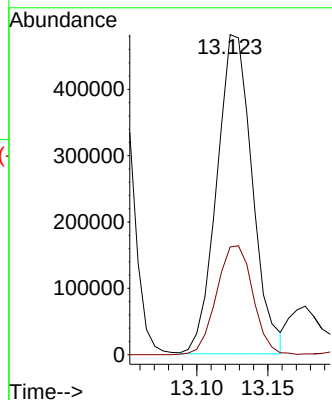
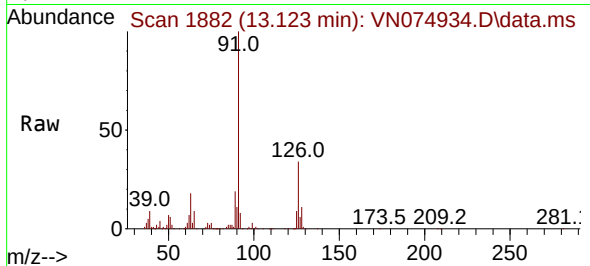
#79
2-Chlorotoluene
Concen: 48.165 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 837075
Ion Ratio Lower Upper
91 100
126 34.9 17.4 52.3

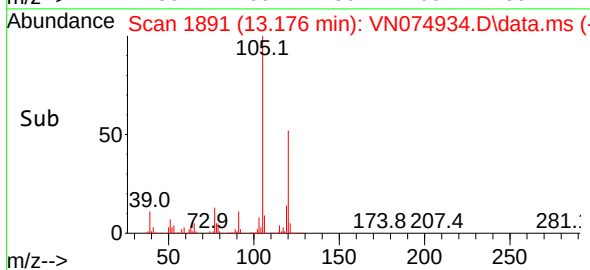
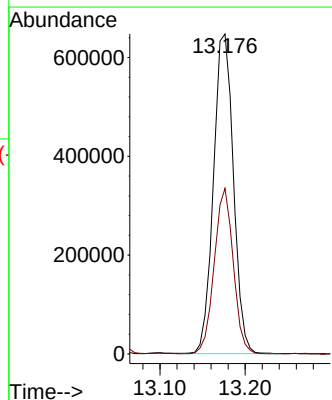
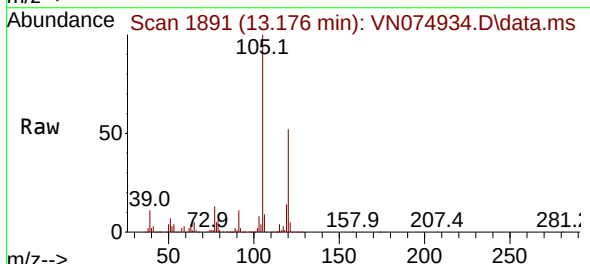
Manual Integrations
APPROVED

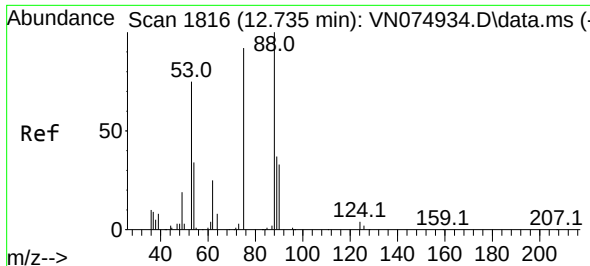
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.164 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

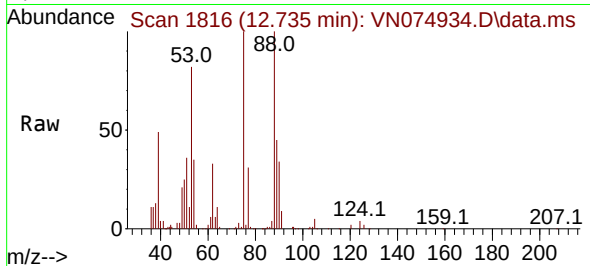
Tgt Ion:105 Resp: 1051423
Ion Ratio Lower Upper
105 100
120 49.4 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 54.926 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

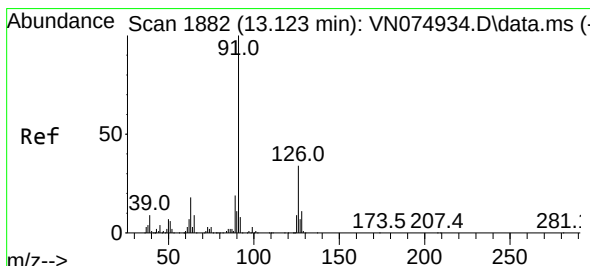
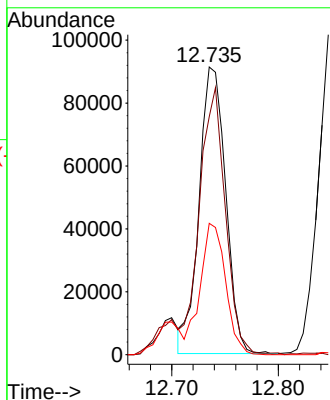
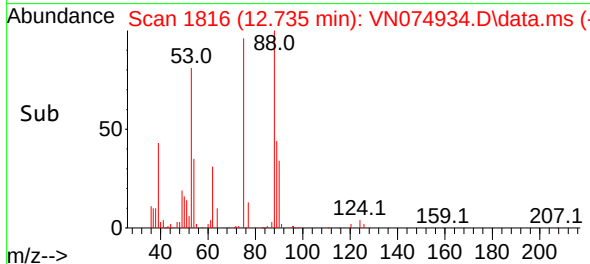
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



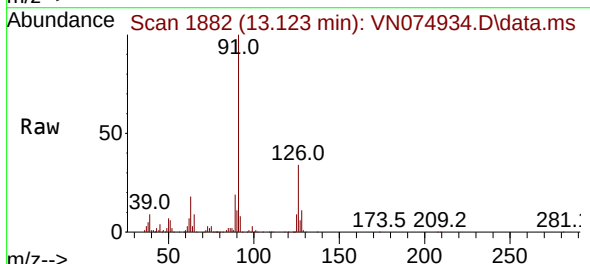
Tgt Ion: 75 Resp: 157972
Ion Ratio Lower Upper
75 100
53 101.7 81.4 122.0
89 43.9 35.1 52.7

Manual Integrations
APPROVED

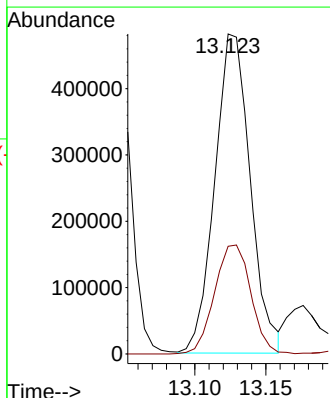
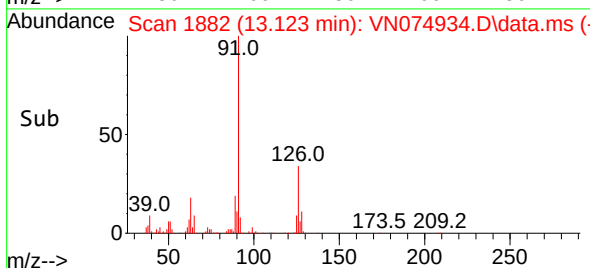
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

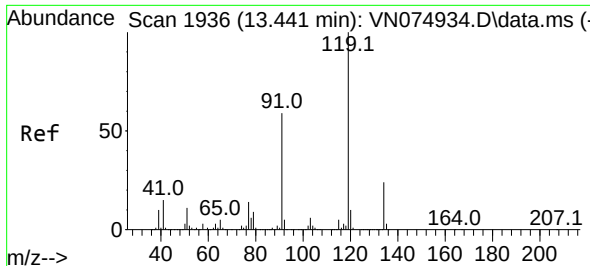


#82
4-Chlorotoluene
Concen: 48.165 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32



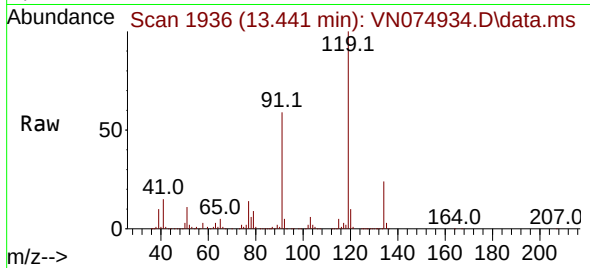
Tgt Ion: 91 Resp: 837075
Ion Ratio Lower Upper
91 100
126 34.9 17.4 52.3





#83
tert-Butylbenzene
Concen: 50.397 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

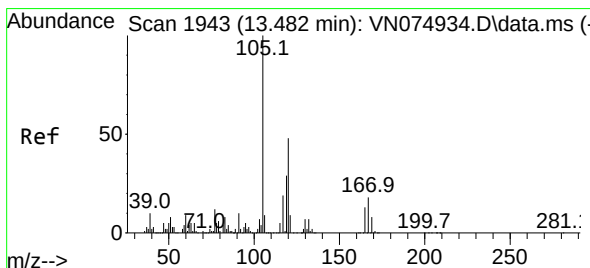
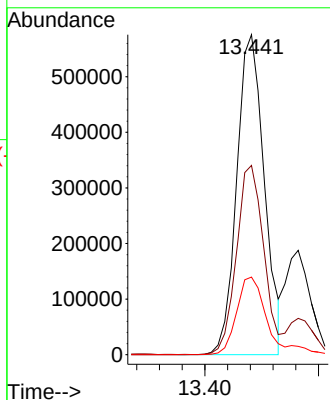
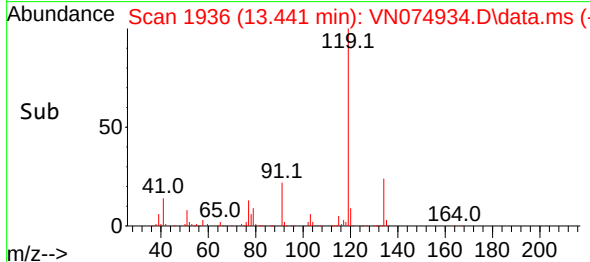
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



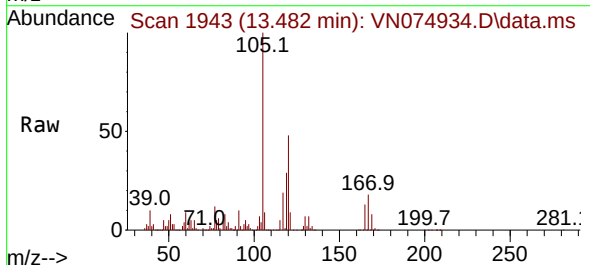
Tgt Ion:119 Resp: 968340
Ion Ratio Lower Upper
119 100
91 59.7 29.8 89.5
134 27.0 13.5 40.5

Manual Integrations
APPROVED

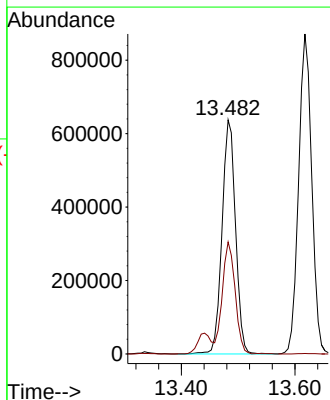
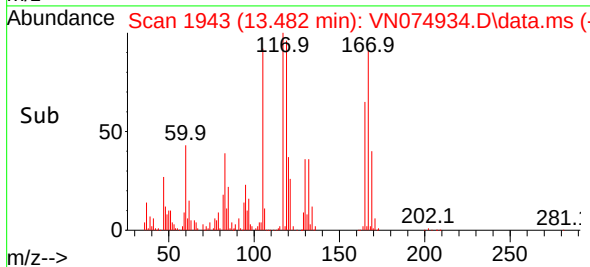
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

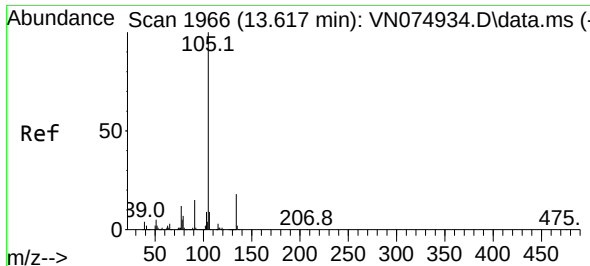


#84
1,2,4-Trimethylbenzene
Concen: 51.523 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32



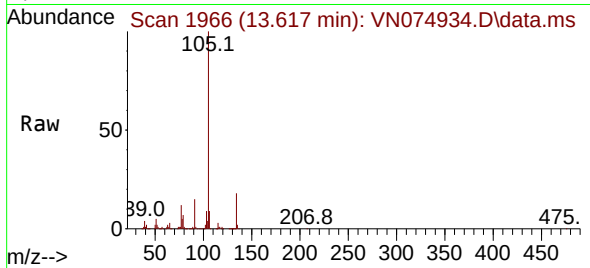
Tgt Ion:105 Resp: 1054943
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 53.407 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN074934.D
 Acq: 19 Oct 2022 16:32

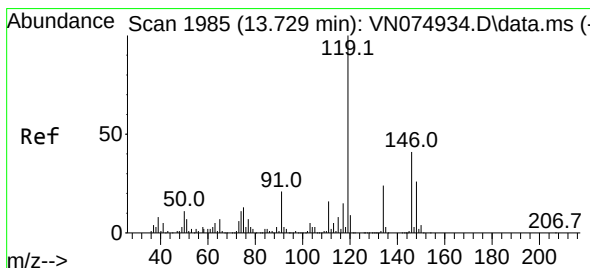
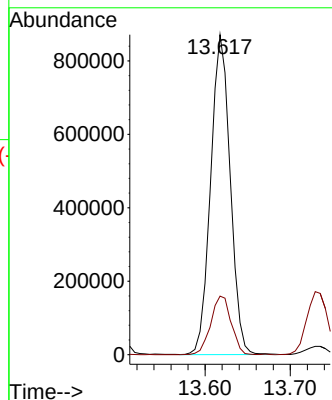
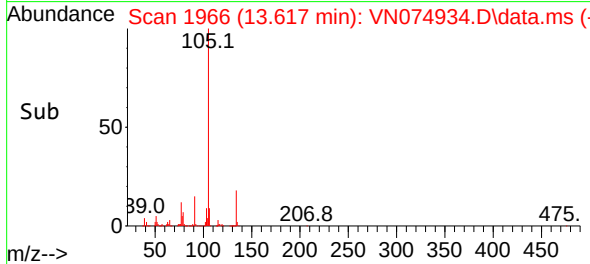
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



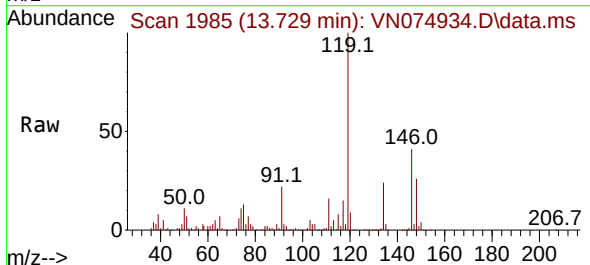
Tgt Ion:105 Resp: 1389052
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6

Manual Integrations
 APPROVED

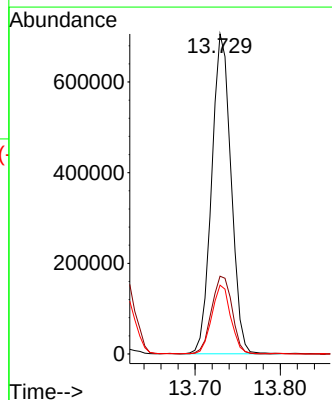
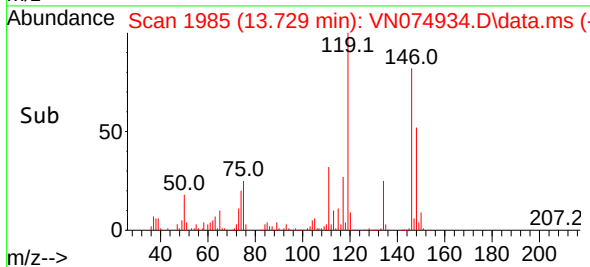
Reviewed By :John Carlone 10/20/2022
 Supervised By :Mahesh Dadoda 10/20/2022

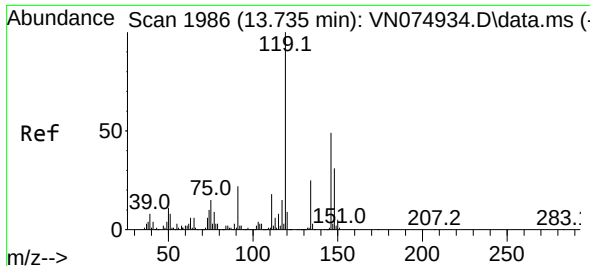


#86
 p-Isopropyltoluene
 Concen: 55.304 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN074934.D
 Acq: 19 Oct 2022 16:32



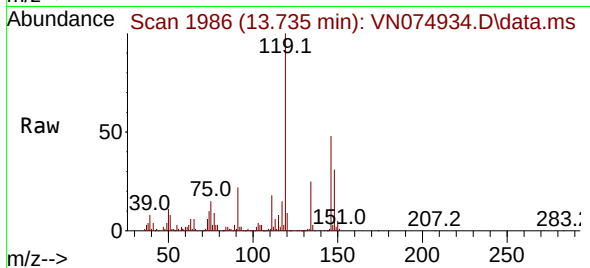
Tgt Ion:119 Resp: 1114054
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.7
 91 21.0 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 50.517 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

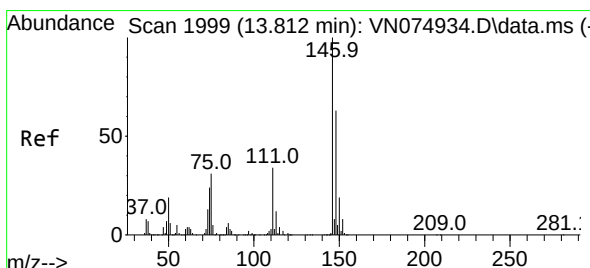
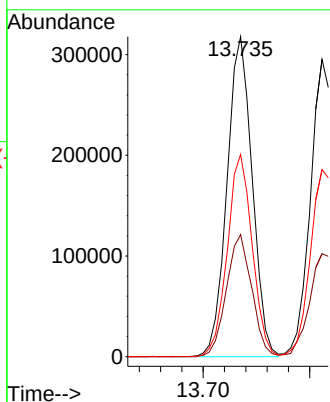
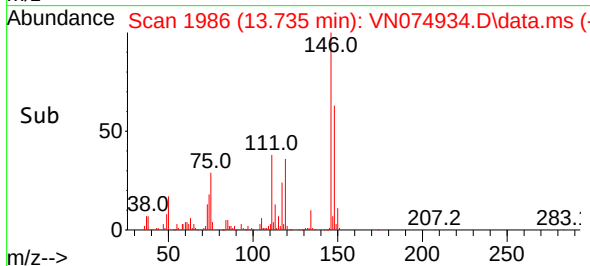
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



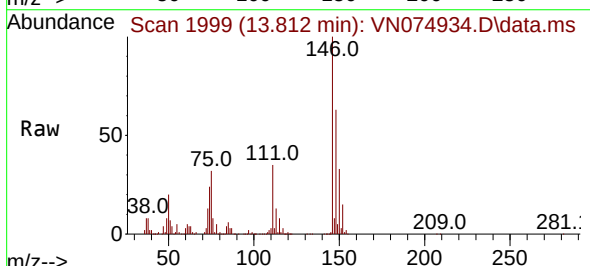
Tgt Ion:146 Resp: 521898
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.5
148 62.5 31.3 93.8

Manual Integrations
APPROVED

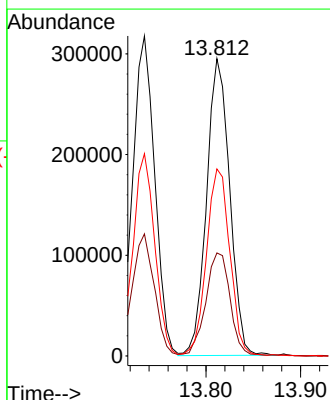
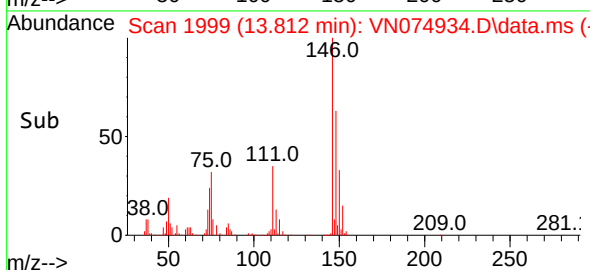
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

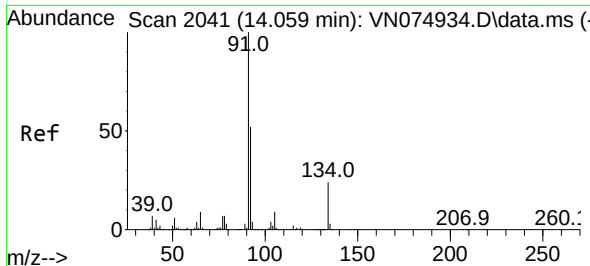


#88
1,4-Dichlorobenzene
Concen: 49.018 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32



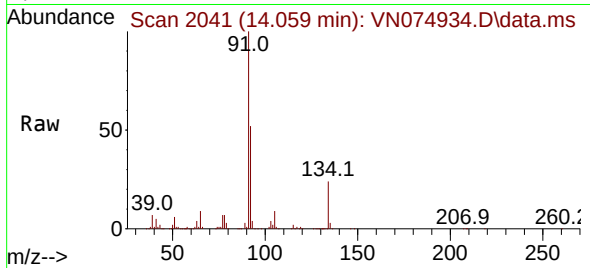
Tgt Ion:146 Resp: 499816
Ion Ratio Lower Upper
146 100
111 36.0 18.0 54.0
148 63.3 31.6 95.0





#89
n-Butylbenzene
Concen: 55.414 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

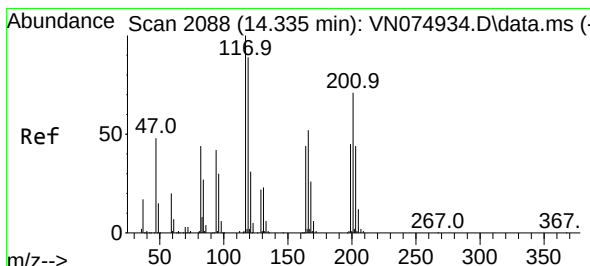
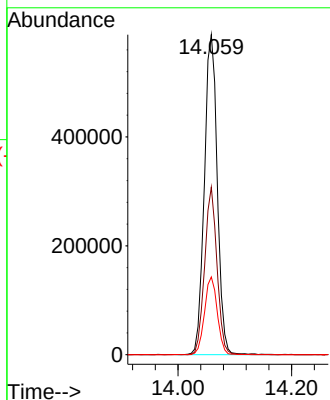
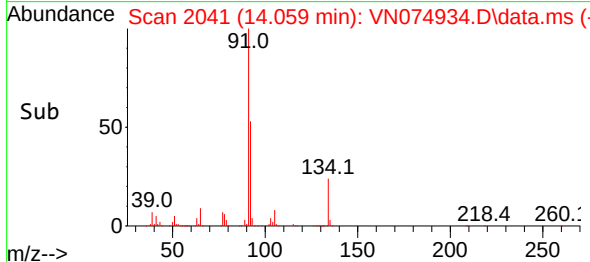
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 924610
Ion Ratio Lower Upper
91 100
92 50.0 25.0 75.0
134 24.0 12.0 36.0

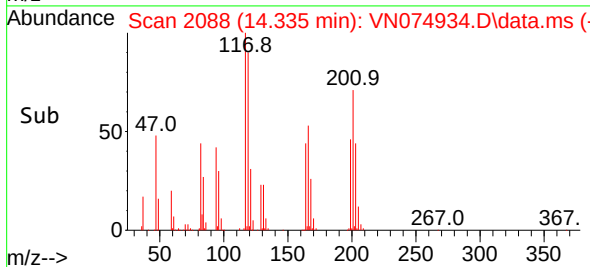
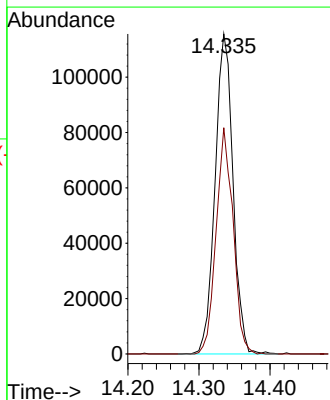
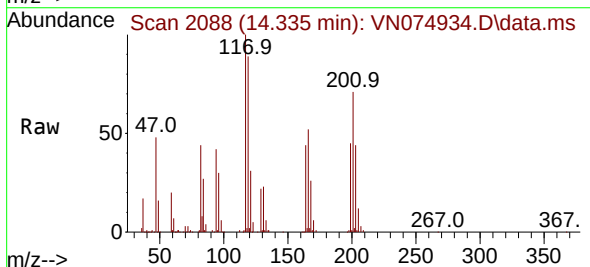
Manual Integrations
APPROVED

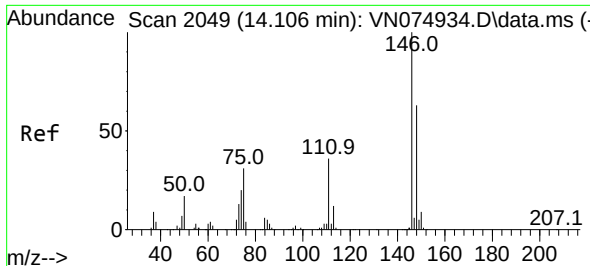
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#90
Hexachloroethane
Concen: 45.588 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

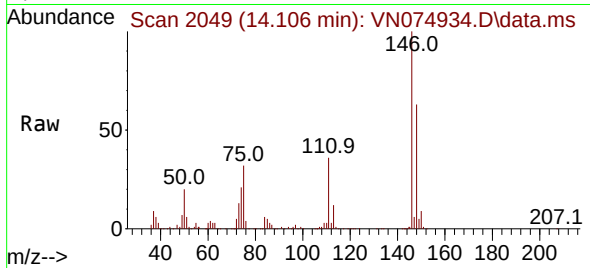
Tgt Ion:117 Resp: 201899
Ion Ratio Lower Upper
117 100
201 66.9 33.5 100.4





#91
1,2-Dichlorobenzene
Concen: 49.061 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

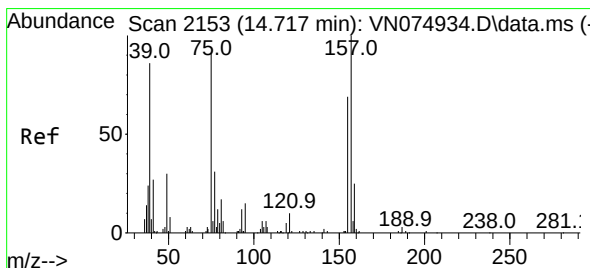
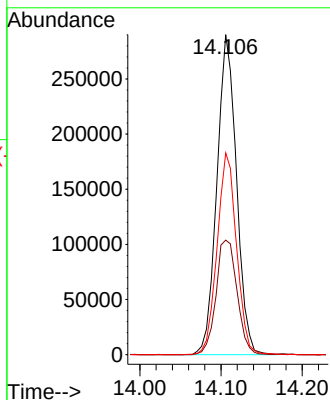
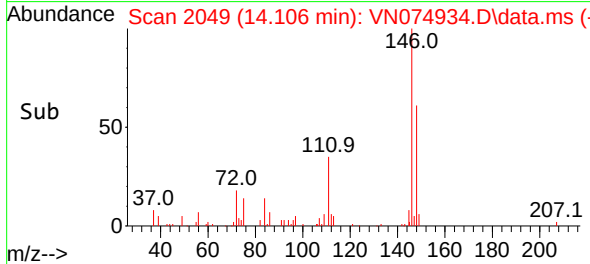
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



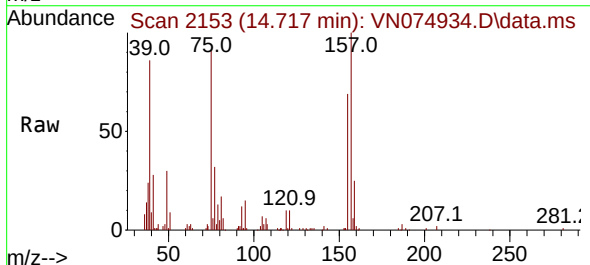
Tgt Ion:146 Resp: 487014
Ion Ratio Lower Upper
146 100
111 38.5 19.3 57.8
148 62.7 31.4 94.0

Manual Integrations
APPROVED

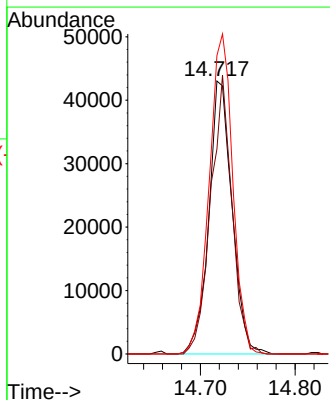
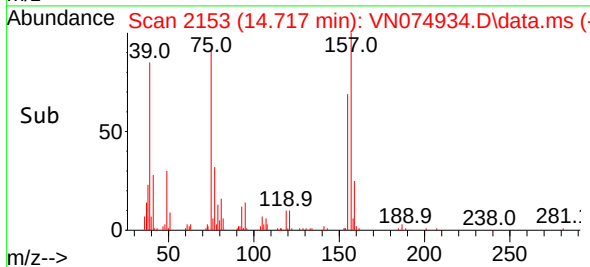
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022

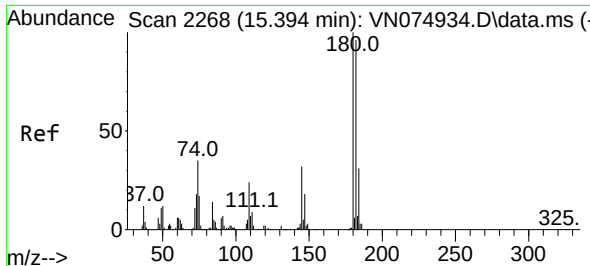


#92
1,2-Dibromo-3-Chloropropane
Concen: 41.676 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32



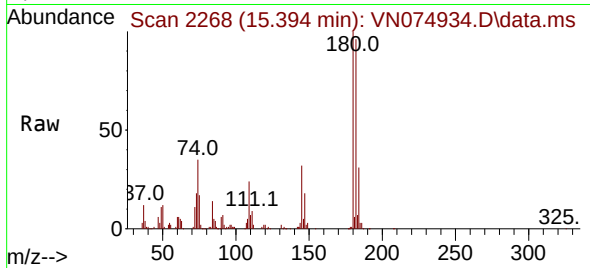
Tgt Ion: 75 Resp: 73588
Ion Ratio Lower Upper
75 100
155 93.1 46.6 139.7
157 118.8 59.4 178.2





#93
1,2,4-Trichlorobenzene
Concen: 48.570 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

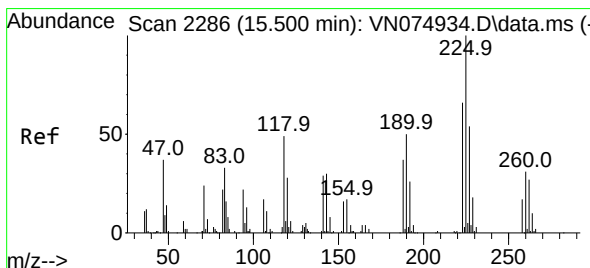
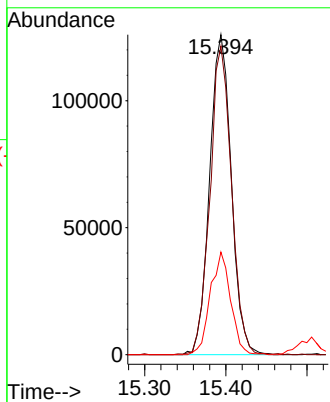
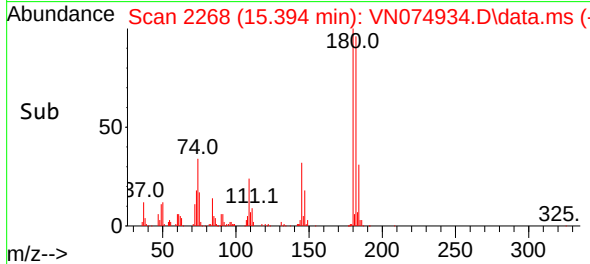
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:180 Resp: 233439
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.8
145 30.1 15.0 45.1

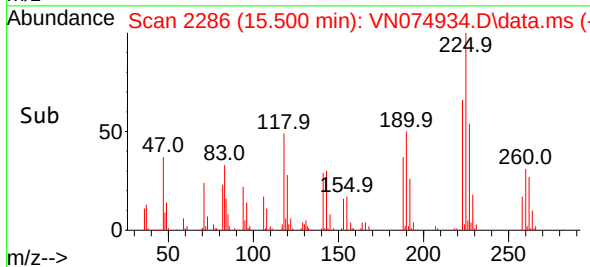
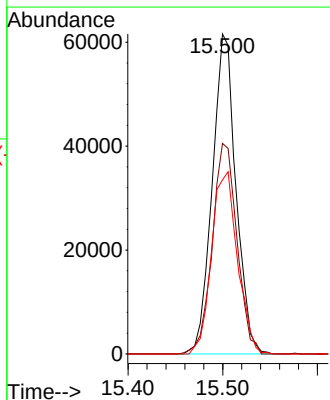
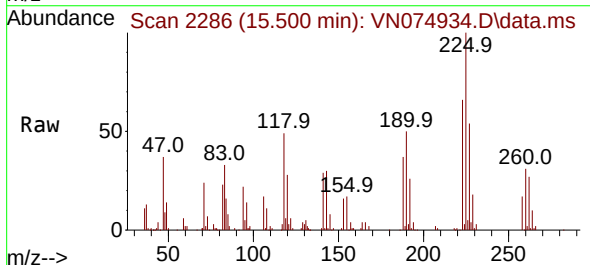
Manual Integrations
APPROVED

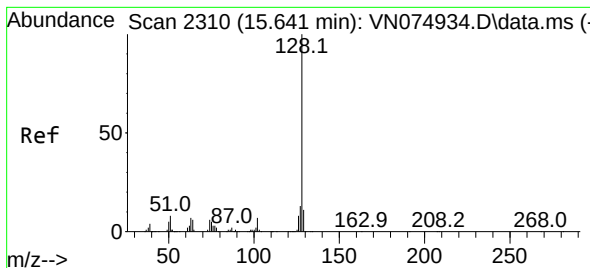
Reviewed By :John Carlone 10/20/2022
Supervised By :Mahesh Dadoda 10/20/2022



#94
Hexachlorobutadiene
Concen: 41.864 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. 0.000 min
Lab File: VN074934.D
Acq: 19 Oct 2022 16:32

Tgt Ion:225 Resp: 107018
Ion Ratio Lower Upper
225 100
223 68.6 34.3 102.9
227 62.4 31.2 93.6





#95

Naphthalene

Concen: 49.413 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. 0.000 min

Lab File: VN074934.D

Acq: 19 Oct 2022 16:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:128 Resp: 92684

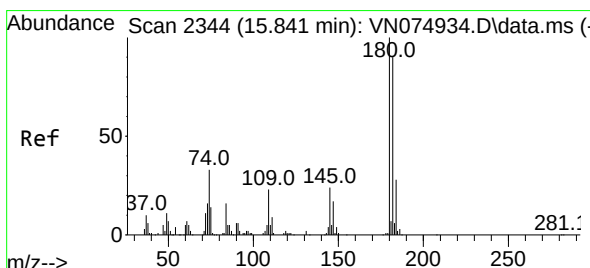
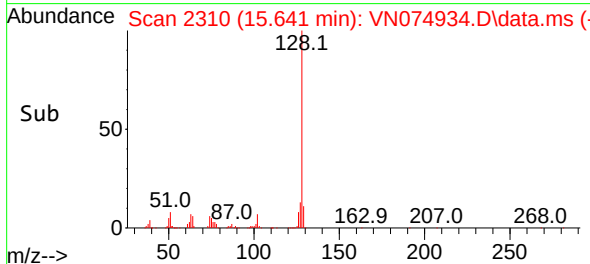
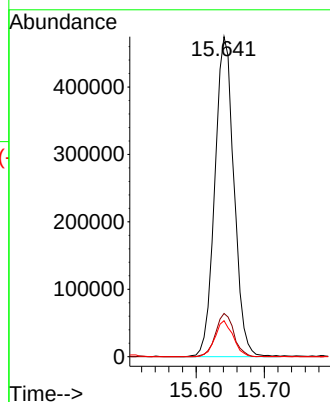
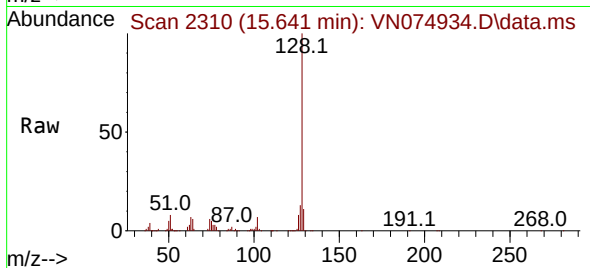
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.7	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/20/2022

Supervised By :Mahesh Dadoda 10/20/2022



#96

1,2,3-Trichlorobenzene

Concen: 47.725 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. 0.000 min

Lab File: VN074934.D

Acq: 19 Oct 2022 16:32

Tgt Ion:180 Resp: 250653

Ion	Ratio	Lower	Upper
180	100		
182	92.0	46.0	138.0
145	27.1	13.6	40.7

